Self Diagnosis Supported model

SERVICE MANUAL

SE-1 CHASSIS

MODEL	COMMANDER	DEST	MODEL	COMMANDER	DEST
KDL-15G2000	RM-ED007	AEP	KDL-20G2000	RM-ED007	AEP
KDL-15G2000	RM-ED007	UK	KDL-20G2000	RM-ED007	UK

KDL-15G2000 / KDL-20G2000

RM-ED007

FLAT PANEL COLOR TV

SONY®

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WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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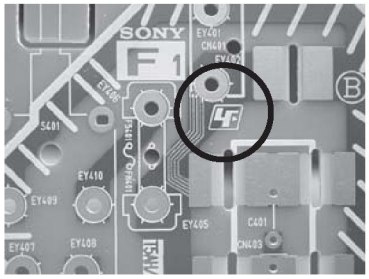
CAUTION

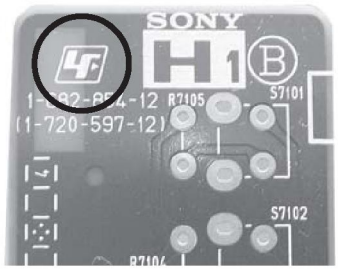
Lead Free Soldered Boards

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. F1, H1 etc [see examples]. The servicing of these boards requires special precautions to be taken as outlined below.

example 1



example 2



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Partnumber	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

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ITEM MODEL	Television System	Stereo System	Channel Coverage	Color System
E	B/G/H, D/K, I, L,DVB-T	GERMAN/NICAM Stereo	VHF : E02-E12 UHF : E21-E69 CATV : S01-S20 HYPER : S21-S41 D/K : R1-R12, R21-R69 L : F2-F10, B-Q, F21-F69 I : UHF B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML
U	I, DVB-T	NICAM Stereo	UHF : B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML

Projected Picture Size	LCD (Liquid Crystal Display) Panel KDL-15G2000 (15 inches) KDL-20G2000 (20 inches).	**Sound Output**	
		Right and Left speaker Sub-woofer	2 x 3W (RMS)
Input/Output Terminals [REAR]		**General Specifications**	
AV1: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of TV Video and Audio signals.	Power Requirements	220 - 240V
		Power Consumption/ Standby	KDL-15G2000: Approx. 34W / 1.1W KDL-20G2000: Approx. 53W / 1.2W
AV2: 21-pin Euro connector (CENELEC standard) (KDL-20G2000)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of Video and Audio signals (Selectable).SmartLink interface.	Dimensions	KDL-15G2000: Approx. 394x398x170mm (With stand) Approx. 394x366x111mm (Without stand) KDL-20G2000: Approx. 498x477x235mm (With stand) Approx. 498x445x111mm (Without stand)
		Weight	KDL-15G2000: Approx. 5.7kg (With stand) Approx. 4.8kg (Without stand) KDL-20G2000: Approx. 10.4kg (With stand) Approx. 8.9kg (Without stand)
AV2: Phono Jacks (KDL-15G2000) AV3: Phono Jacks (KDL-20G2000)	Y:1 Vp-p, 75 ohms, 0.3V negative sync P_B/C_B:0.7 Vp-p,75 ohms P_R/C_R:0.7 Vp-p,75 ohms Audio Input Jacks: 500mV rms, 47K ohms	Supplied Accessories	RM-ED007 Remote Commander (1) IEC designated R06 battery (2) Mains Lead (1) AC Adaptor (1) Coaxial Cable (KDL-20G2000) (1) Support Belt (1) and Screws (2)
AV4: PC Input (KDL-15G2000)	Minijack. 15 Pin D-Sub Connector.	Other Features	Intergrated Digial Tuner (DVB-T), High Picture Quality, High Sound Quality, Video Label, Channel Return, Sleep Timer, Fanless Design.
CAM	Conditional Access Module		
Input/Output Terminals [SIDE]		**Remote control system : Infrared control**	
Headphone jack	Stereo mini jack	Power requirements	3V dc 2 batteries IEC designation R06 (size AA)
Audio input	Phono jacks		
Video input	Phono jack		
S Video input	4 pin mini DIN		
Design and specifications are subject to change without notice.			

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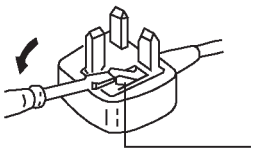
Item / Model Name	KDL-15G2000 KDL-20G2000 (AEP)	KDL-15G2000 KDL-20G2000 (UK)
PAP	OFF	OFF
PAT	OFF	OFF
RGB Priority	ON	ON
Sub Woofer	OFF	OFF
Scart 1	ON	ON
Scart 2	ON	ON
Front in (3) (KDL-15G2000) Front in (4) (KDL-20G2000)	ON	ON
Projector	OFF	OFF
Norm B/G	ON	OFF
Norm I	ON	ON
Norm D/K	ON	OFF
Norm AUS	OFF	OFF
Norm L	ON	OFF
Norm SAT	OFF	OFF
Norm M	OFF	OFF
Teletext	ON	ON
Nicam Stereo	ON	ON

WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **5 AMP** rating. Should the fuse need to be replaced, use a **5AMP FUSE** approved by ASTA to **BS 1362**, ie one that carries the ASTA mark.

IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

When an alternative type of plug is used, it should be fitted with a **5 AMP FUSE**, otherwise the circuit should be protected by a **5 AMP FUSE** at the distribution board.



How to replace the fuse.
Open the fuse compartment with a screwdriver blade and replace the fuse.

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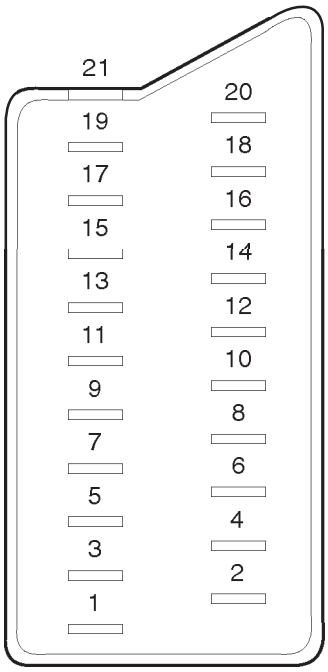
21 pin connector



Pin No	1	2	Signal	Signal level
1	○	○	Audio output B (right)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
2	○	○	Audio input B (right)	Standard level : 0.5V rms Output impedence : More than 10kohm*
3	○	○	Audio output A (left)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
4	○	○	Ground (audio)	
5	○	○	Ground (blue)	
6	○	○	Audio input A (left)	Standard level : 0.5V rms Output impedence : More than 10kohm*
7	○	○	Blue input	0.7 +/- 3dB, 75 ohms positive
8	○	○	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedence : More than 10K ohms Input capacitance : Less than 2nF
9	○	○	Ground (green)	
10	●	○	AVlink	
11	○	○	Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive
12	●	●	Open	
13	○	○	Ground (red)	
14	○	○	Ground (blanking)	
15	○	○	Red input	0.7 +/- 3dB, 75 ohms, positive
	-	-	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive
16	○	○	Blanking input (Ys signal)	High state (1-3V) Low state (0-0.4V) Input impedence : 75 ohms
17	○	○	Ground (video output)	
18	○	○	Ground (video input)	
19	○	○	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
20	○	○	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
	-	-	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
21	○	○	Common ground (plug, shield)	

○ Connected ● Not Connected (open) * at 20Hz - 20kHz

Rear Connection Panel

KDL-15G2000

KDL-20G2000

Side Connection Panel

S-Video socket

S Video socket pin configuration		
Pin No	Signal	Signal Level
1	Ground	-
2	Ground	-
3	Y (S signal) input	1V+/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB
4	C (S signal) input	0.3V+/- 3dB 75ohm, positive Sync.

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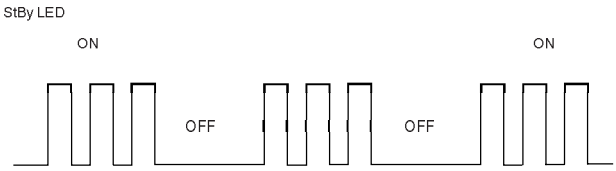
SE-1 SELF DIAGNOSTIC SOFTWARE

The identification of errors within the SE-1 chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted).

Flash Timing Example : e.g. error number 3



LED Error Code

Error Message	LED Code	Checked	Action
Power Supply Protection Error	03	In Normal mode.	Goes into standby. LED flashes 3 times.
Panel Error	04	In Normal mode.	Goes into standby. LED flashes 4 times.
NVM Error	05	In Initialisation state.	Adds error to Error Menu. LED flashes 5 times in factory mode.
IIC Error	06	In Initialisation state.	Adds error to Error Menu. LED flashes 6 times in factory mode.
HDMI Error	07	In Initialisation state.	Adds error to Error Menu. LED flashes 7 times in factory mode.
Digital Error	08	In Initialisation state.	Adds error to Error Menu. LED flashes 8 times in factory mode.
Tuner Error	09	In Initialisation state.	Adds error to Error Menu. LED flashes 9 times in factory mode.
Sound Processor Error	10	In Initialisation state.	Adds error to Error Menu. LED flashes 10 times in factory mode.
Video Processor (VCTP) Error	11	In Initialisation state.	Adds error to Error Menu. LED flashes 11 times in factory mode.
Port Expander Error	12	In Initialisation state.	Adds error to Error Menu. LED flashes 12 times in factory mode.
RTC IC Error	14	In Initialisation state.	Adds error to Error Menu. LED flashes 14 times in factory mode.

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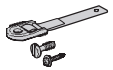
The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

1: Checking the accessories

Remote RM-ED007 (1)

Size AA batteries (R6 type) (2)

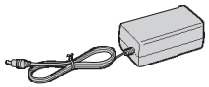
Support belt (1) and screws (2)



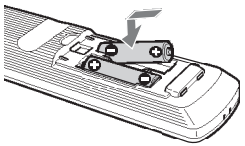
Coaxial cable (only for KDL-20G2000) (1)

Mains lead (Type C-6) (1)

AC adaptor (1)



To insert batteries into the remote

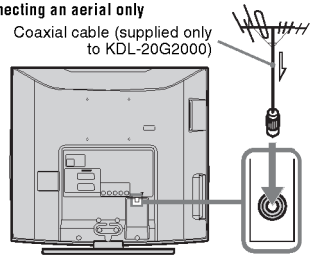


Notes

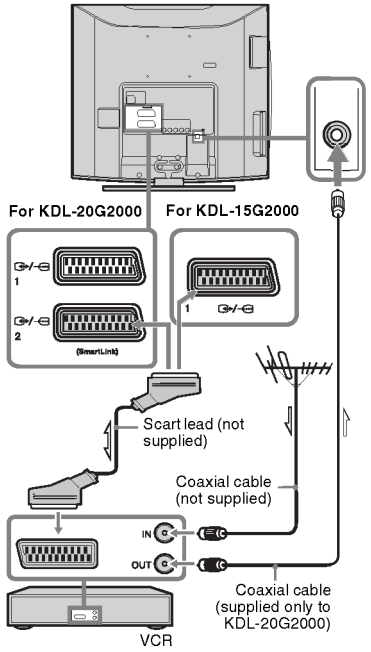
- Observe the correct polarity when inserting batteries.
- Dispose of batteries in an environmentally friendly way. Certain regions may regulate disposal of the battery. Please consult your local authority.
- Do not use different types of batteries together or mix old and new batteries.
- Handle the remote with care. Do not drop or step on it, or spill liquid of any kind onto it.
- Do not place the remote in a location near a heat source, or in a place subject to direct sunlight, or in a damp room.

2: Connecting an aerial/ VCR

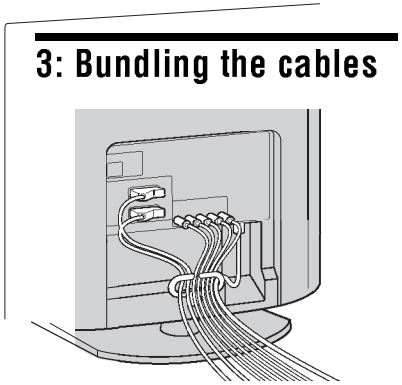
Connecting an aerial only



Connecting an aerial and VCR

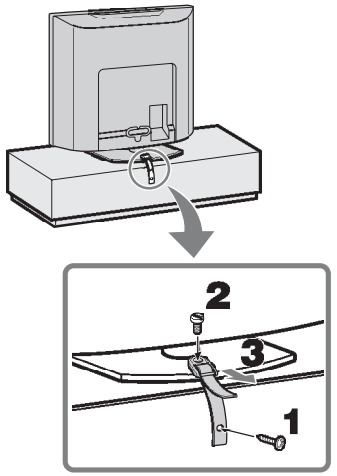


3: Bundling the cables

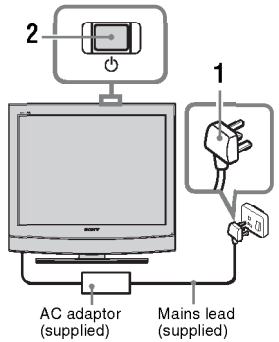


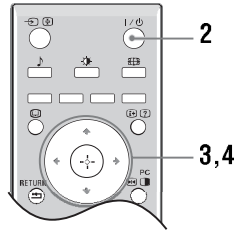
4: Preventing the TV from toppling over

(only for KDL-20G2000)



5: Selecting the language and country/region





1 Connect the TV to your mains socket (220-240 V AC, 50 Hz).

2 Press ⏻ on the TV (top side).
When you switch on the TV for the first time, the Language menu appears on the screen.
When the TV is in standby mode (the ⏻ (standby) indicator on the TV (front) is red), press I/⏻ on the remote to switch on the TV.

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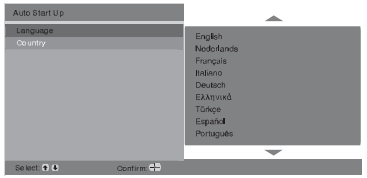
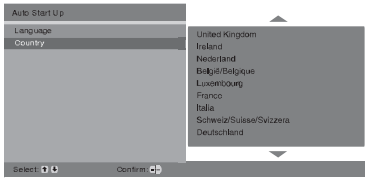
3 Press ⇧/⇩ to select the language displayed on the menu screens, then press ⊕.



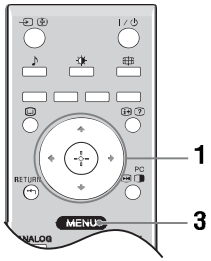
4 Press ⇧/⇩ to select the country/region in which you will operate the TV, then press ⊕.



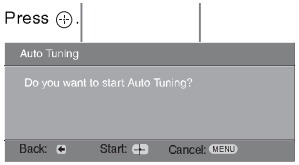
If the country/region in which you want to use the TV does not appear in the list, select "-" instead of a country/region.
The message confirming the TV start auto-tuning appears on the screen, then go to "6: Auto-tuning the TV".

6: Auto-tuning the TV

After selecting the language and country/region, a message confirming the TV start auto-tuning appears on the screen.
The TV will now search for and store all available TV channels.



1 Press ⊕.



The TV starts searching for all available digital channels, followed by all available analogue channels. This may take some time, please be patient and do not press any buttons on the TV or remote.

If a message appears for you to confirm the aerial connections

No digital or analogue channels were found. Check all the aerial connections and press ⊕ to start auto-tuning again.

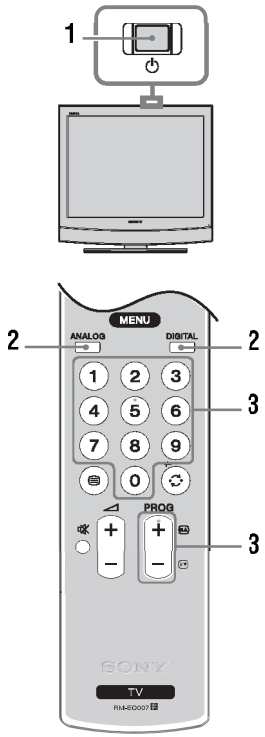
2 When the Programme Sorting menu appears on the screen, follow the steps of "Programme Sorting" (page 24).

If you do not wish to change the order in which the analogue channels are stored on the TV, go to step 3.

3 Press MENU to exit.

The TV has now tuned in all the available channels.

Watching TV



1 Press ⏻ on the TV (top side) to switch on the TV.

When the TV is in standby mode (the ⏻ (standby) indicator on the TV (front) is red), press I/⏻ on the remote to switch on the TV.

2 Press DIGITAL to switch to digital mode or ANALOG to switch to analogue mode.

The channels available vary depending on the mode.

3 Press the number buttons or PROG +/- to select a TV channel.

To select channel numbers 10 and above using the number buttons, enter the second and third digits within two seconds.
To select a digital channel using the Digital Electronic Programme Guide (EPG), see page 15.

In digital mode

An information banner appears briefly. The following icons may be indicated on the banner.

- : Interactive service (MHEG Digital Text) is available
- : Interactive service (MHEG Digital Text) is currently disabled
- : Radio service
- : Scrambled/Subscription service
- : Multiple audio languages available
- : Subtitles available
- : Subtitles available for the hearing impaired
- : Recommended minimum age for current programme (from 4 to 18 years)
- : Parental Lock
- : Current programme is being recorded

Additional operations

To	Do this
Turn off the TV temporarily (Standby mode)	Press I/⏻.
Turn on the TV from Standby mode without sound	Press 🔇. Press ◿ +/- to set the volume level.
Turn off the TV	Press ⏻ on the TV (top side).
Adjust the volume	Press ◿ + (increase)/ - (decrease).
Mute the sound	Press 🔇. Press again to restore.
Access the Programme index table (in analogue mode only)	Press ⓘ. To select an analogue channel, press ⇧/⇩, then press ⊕. To access the Input signal index table, see page 18.

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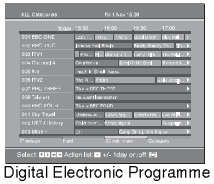
Checking the Digital Electronic Programme Guide (EPG) DVB



Digital Electronic Programme Guide (EPG)

1 In digital mode, press ▤ to display the Digital Electronic Programme Guide (EPG).

2 Perform the desired operation, as shown in the following table.

Note

Programme information will only be displayed if the TV station is transmitting it.

To	Do this
Turn off the EPG	Press ▤.
Move through the EPG	Press ↑/↓/←/→.
Watch a current programme	Press ⊕ while the current programme is selected.
Sort the programme information by category – Category list	1 Press the blue button. 2 Press ↑/↓/←/→ to select a category. The category name is displayed on the side. The categories available include: "Favourite": Contains all the channels that have been stored in the Favourite list (page 17). "All Categories": Contains all available channels. "News": Contains all news channels. 3 Press ⊕. The Digital Electronic Programme Guide (EPG) now only displays the current programmes from the category selected.
Set a programme to be recorded – Timer REC	1 Press ↑/↓/←/→ to select the future programme you want to record. 2 Press ⊕. 3 Press ↑/↓ to select "Timer REC". 4 Press ⊕ to set the TV and your VCR timers. A ⏺ symbol appears by that programme's information. The ⏻ indicator on the TV (front) lights up. **Notes** • You can set VCR timer recording on the TV only for Smartlink compatible VCRs. If your VCR is not Smartlink compatible, a message will be displayed to remind you to set your VCR timer. • Once a recording has begun, you can switch the TV to standby mode, but do not switch off the TV completely or the recording may be cancelled. • If an age restriction for programmes has been selected, a message asking for pin code will appear on the screen. For more details refer to "Parental Lock" on page 28.

Viewing pictures from connected equipment

Switch on the connected equipment, then perform one of the following operation.

For equipment connected to the scart sockets using a fully-wired 21-pin scart lead

Start playback on the connected equipment.
The picture from the connected equipment appears on the screen.

For an auto-tuned VCR (page 4)

In analogue mode, press PROG +/-, or the number buttons, to select the video channel.

For other connected equipment

Press ⏎/⊕ repeatedly until the correct input symbol (see below) appears on the screen.

For KDL-15G2000

⏎ AV1/▭ AV1:
Audio/video or RGB input signal through the scart socket ⏎/▭ 1. ▭ appears only if an RGB source has been connected.

▭ AV2:
Component input signal through the Y, P_B/C_B. P_R/C_R sockets ▭/◯ 2, and audio input signal through the L, R sockets ▭/◯ 2. As for supported signal format, please refer to "Specifications" (page 31).

⏎ AV3/S ▭ AV3:
Video input signal through the video socket ⏎ 3, and audio input signal through the L (MONO), R audio sockets ◯ 3. Ⓢ appears only if the equipment is connected to the S video socket S ▭ 3 instead of the video socket ⏎ 3, and S video input signal is input through the S video socket S ▭ 3.

▭ 4:
RGB input signal through the PC connectors ▭ 4, and audio input signal through the socket ◯ 4.

For KDL-20G2000

⏎ AV1/▭ AV1, ⏎ AV2/▭ AV2:
Audio/video or RGB input signal through the scart socket ⏎/▭ 1 or 2. ▭ appears only if an RGB source has been connected.

▭ AV3:
Component input signal through the Y, P_B/C_B. P_R/C_R sockets ▭/◯ 3, and audio input signal through the L, R sockets ▭/◯ 3. As for supported signal format, please refer to "Specifications" (page 31).

⏎ AV4/S ▭ AV4:
Video input signal through the video socket ⏎ 4, and audio input signal through the L (MONO), R audio sockets ◯ 4. Ⓢ appears only if the equipment is connected to the S video socket S ▭ 4 instead of the video socket ⏎ 4, and S video input signal is input through the S video socket S ▭ 4.

Additional operations

To	Do this
Return to the normal TV operation	Press DIGITAL or ANALOG.
Access the Input signal index table	Press ⓘ to access the Input signal index table. (Then, only in analogue mode, press →.) To select an input source, press ↑/↓, then press ⓘ.

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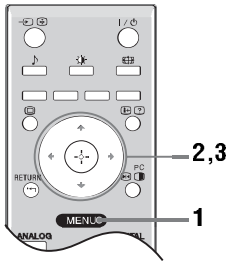
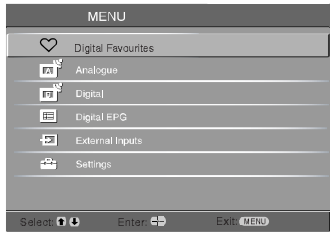
Navigating through menus

"MENU" allows you to enjoy various convenient features of this TV. You can easily select channels or external inputs with the remote. Also, settings for your TV can be changed easily using "MENU".



1 Press MENU to display the menu.



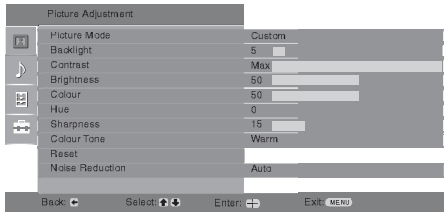
2 Press ⇧/⇩ to select an option.

3 Press ⊕ to confirm a selected option.

To exit the menu, press MENU.

Menu		Description
	Digital Favourites (in digital mode only)	Launches the Favourite list. For details about settings, see page 17.
	Analogue (in digital mode only)	Returns to the last viewed analogue channel.
	Digital (in digital mode only)	Returns to the last viewed digital channel.
	Digital EPG (in digital mode only)	Launches the Digital Electronic Programme Guide (EPG). For details about settings, see page 15.
	External Inputs	Selects equipment connected to your TV. • To watch the desired external input, select the input source, then press ⊕. • To assign a label to an external input, see page 24.
	Settings	Opens the Settings menu screen where most of advanced settings and adjustments are performed. Select a menu icon, select an option and make the desired change or adjustment using ⇧/⇩/⇦/⇨. For details about settings, see page 20 to 28. **Note** The options you can adjust vary depending on the situation. Unavailable options are grayed out or not displayed.

Picture Adjustment menu



You can select the options listed below on the Picture menu. To select options in "Settings", see "Navigating through menus" (page 19).

Picture Mode	Selects the picture mode. • "Vivid": For enhanced picture contrast and sharpness. • "Standard": For standard picture. Recommended for home entertainment. • "Custom": Allows you to store your preferred settings.
Backlight	Adjusts the brightness of the backlight.
Contrast	Increases or decreases picture contrast.
Brightness	Brightens or darkens the picture.
Colour	Increases or decreases colour intensity.
Hue	Increases or decreases the green tones. **Tip** "Hue" can only be adjusted for an NTSC colour signal (e.g., U.S.A. video tapes).
Sharpness	Sharpens or softens the picture.
Colour Tone	Adjusts the whiteness of the picture. • "Cool": Gives the white colours a blue tint. • "Neutral": Gives the white colours a neutral tint. • "Warm": Gives the white colours a red tint. **Tip** "Warm" can only be selected when you set "Picture Mode" to "Custom".
Reset	Resets all picture settings except "Picture Mode" to the factory settings.
Noise Reduction	Reduces the picture noise (snowy picture) in a weak broadcast signal. • "Auto": Automatically reduces the picture noise. • "Off": Turns off the Noise Reduction feature.

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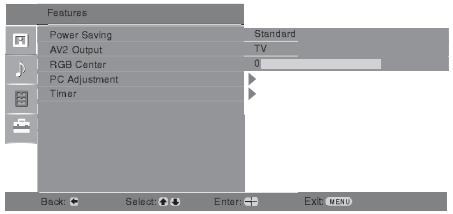
Sound Adjustment menu

You can select the options listed below on the Sound menu. To select options in "Settings", see "Navigating through menus" (page 19).

Sound Effect	Selects the sound mode. • "Standard": Enhances clarity, detail, and sound presence by using "BBE High definition Sound System." • "Dynamic": Intensifies clarity and sound presence for better intelligibility and musical realism by using the "BBE High definition Sound System." • "BBE ViVA": BBE ViVA Sound provides musically accurate natural 3D image with Hi-Fi sound. The clarity of the sound is improved by BBE while the width, depth, and height of sound image are expanded by BBE's proprietary 3D sound process. BBE ViVA Sound is compatible with all TV programs including news, music, dramas, movies, sports and electronic games. • "Off": Flat response. **Tip** You can change sound effect by pressing ♪ repeatedly.
Treble	Adjusts higher-pitched sounds.
Bass	Adjusts lower-pitched sounds.
Balance	Emphasizes left or right speaker balance.
Reset	Resets all the sound settings to the factory settings.
Dual Sound	Selects the sound from the speaker for a stereo or bilingual broadcast. • "Stereo", "Mono": For a stereo broadcast. • "A"/"B"/"Mono": For a bilingual broadcast, select "A" for sound channel 1, "B" for sound channel 2, or "Mono" for a mono channel, if available. **Tip** If you select other equipment connected to the TV, set "Dual Sound" to "Stereo", "A" or "B".
Auto Volume	Keeps a constant volume level even when volume level gaps occur (e.g., adverts tend to be louder than programmes).

Features menu



You can select the options listed below on the Features menu. To select options in "Settings", see "Navigating through menus" (page 19).

Power Saving	Selects the power saving mode to reduce the power consumption of the TV. • "Standard": Default settings. • "Reduce": Reduces the power consumption of the TV. • "Picture Off": Switches off the picture. You can listen to the sound with the picture off.
AV2 Output (only for KDL-20G2000)	Sets a signal to be output through the socket labelled ⇥/⇤2 on the rear of the TV. If you connect a VCR to the ⇥/⇤2 socket, you can then record from the equipment connected to other sockets of the TV. • "TV": Outputs a broadcast. • "Auto": Outputs whatever is being viewed on the screen.
RGB Center	Adjusts the horizontal picture position so that the picture is in the middle of the screen. **Tip** This option is only available if an RGB source has been connected to scart connector ⇥/⇤1, or to scart connector ⇥/⇤2 (only for KDL-20G2000) on the rear of the TV.
PC Adjustment (only for KDL-15G2000)	Customizes the TV screen as a PC monitor. **Tip** This option is only available if you are in PC Mode. • "Phase": Adjust the screen when a part of a displayed text or image is not clear. • "Pitch": Enlarges or shrinkes the screen size horizontally. • "H Center": Moves the screen to the left or to the right. • "Power saving": Turns to standby mode if no PC signal is received. • "Reset": Resets to the factory settings.

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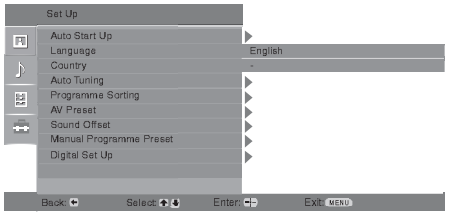
Set-up menu



You can select the options listed below on the Set-up menu. To select options in "Settings", see "Navigating through menus" (page 19).

Auto Start-up

Starts the "first time operation menu" to select the language and country/region, and tune in all available digital and analogue channels. Usually, you do not need to do this operation because the language and country/region will have been selected and channels already tuned when the TV was first installed (page 5, 6). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

Language

Selects the language in which the menus are displayed.

Country

Selects the country/region where you operate the TV.

Tip

The country/region in which you want to use the TV does not appear in the list, select "-" instead of a country/region.

Auto Tuning

Tunes in all the available analogue channels.
Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 5, 6). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

Programme Sorting

Changes the order in which the analogue channels are stored on the TV.

1 Press ⇧/⇩ to select the channel you want to move to a new position, then press ⇨.
2 Press ⇧/⇩ to select the new position for your channel, then press ⊕.

AV Preset

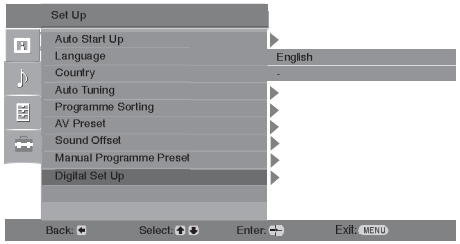
Assigns a name to any equipment connected to the side and rear sockets. The name will be displayed briefly on the screen when the equipment is selected. You can skip an input source that is not connected to any equipment.

1 Press ⇧/⇩ to select the desired input source, then press ⊕.
2 Press ⇧/⇩ to select the desired option below, then press ⊕.
- AV1 (or AV2/AV3/AV4/PC), VIDEO, DVD, CABLE, GAME, CAM, SAT: Uses one of the preset labels to assign a name to connected equipment.
- "Edit": Creates your own label.
- "Skip": Skips an input source that is not connected to any equipment when you press ⇧/⇩ to select the input source.

Sound Offset

Sets an independent volume level to each equipment connected to the TV.

Digital Set Up menu DVB



You can change/set the digital settings using the Digital Set Up menu. To select options in "Settings", see "Navigating through menus" (page 19).

Digital Tuning

Displays the "Digital Tuning" menu.

Digital Auto Tuning

Tunes in all the available digital channels.
Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 5). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

Programme List Edit

Removes any unwanted digital channels stored on the TV, and changes the order of the digital channels stored on the TV.

1 Press ⇧/⇩ to select the channel you want to remove or move to a new position.

If you know the programme number (frequency)

Press the number buttons to enter the three-digit programme number of the broadcast you want.

2 Remove or change the order of the digital channels as follows:

To remove the digital channel

Press ⊕. A message that confirms whether the selected digital channel is to be deleted appears. Press ⇦ to select "Yes", then press ⊕.

To change the order of the digital channels

Press ⇨, then press ⇧/⇩ to select the new position for the channel and press ⇦. Repeat the procedure in steps 1 and 2 to move other channels if required.

3 Press RETURN.

Digital Manual Tuning

Tunes the digital channels manually.

1 Press the number button to select the channel number you want to manually tune, then press ⇧/⇩ to tune the channel.
2 When the available channels are found, press ⇧/⇩ to select the channel you want to store, then press ⊕.
3 Press ⇧/⇩ to select the programme number where you want to store the new channel, then press ⊕.

Repeat the procedure above to tune other channels manually.

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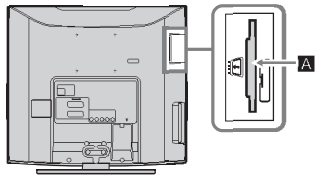
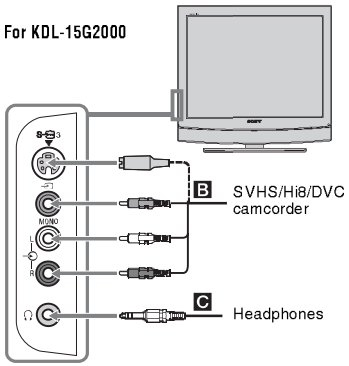
Connecting optional equipment

You can connect a wide range of optional equipment to your TV. Connecting cables are not supplied.

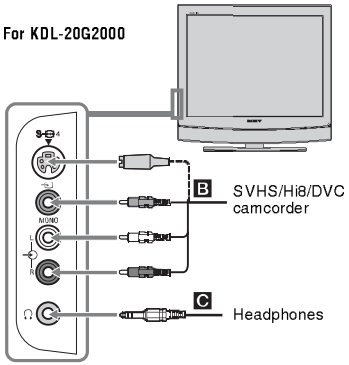
Connecting to the TV (side)



For KDL-15G2000



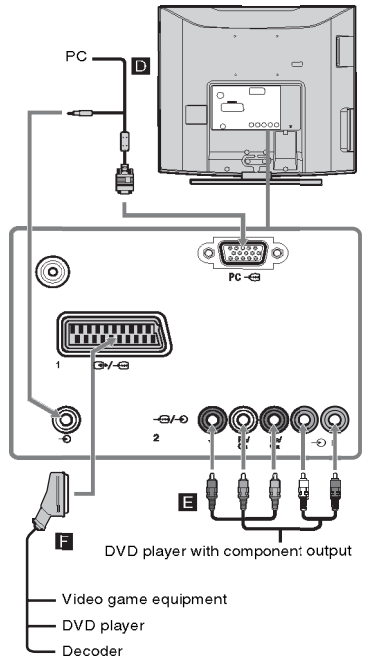
For KDL-20G2000



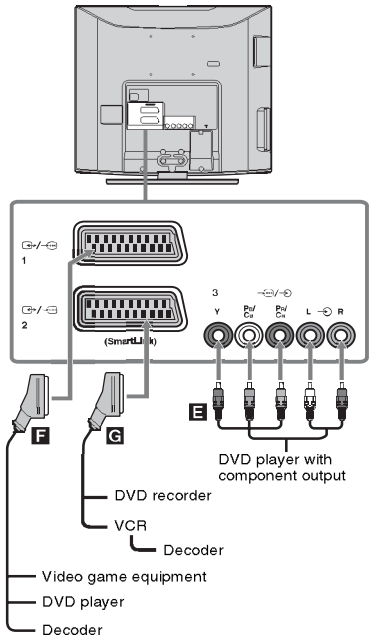
To connect	Do this
Conditional Access Module (CAM) A	To use Pay Per View services. For details, refer to the instruction manual supplied with your CAM. To use the CAM, remove the rubber cover from the CAM slot. Switch off the TV when inserting your CAM into the CAM slot. When you do not use the CAM, we recommend that you replace the cover on the CAM slot.
S VHS/Hi8/DVC camcorder B (For KDL-15G2000)	Connect to the S video socket S 3 or the video socket 3, and the audio sockets 3. To avoid picture noise, do not connect the camcorder to the video socket 3 and the S video socket S 3 at the same time. If you connect mono equipment, connect to the L socket 3, and set "Dual Sound" to "A" (page 21).
S VHS/Hi8/DVC camcorder B (For KDL-20G2000)	Connect to the S video socket S 4 or the video socket 4, and the audio sockets 4. To avoid picture noise, do not connect the camcorder to the video socket 4 and the S video socket S 4 at the same time. If you connect mono equipment, connect to the L socket 4, and set "Dual Sound" to "A" (page 21).
Headphones C	Connect to the ∩ socket to listen to sound from the TV on headphones.

Continued

For KDL-15G2000



For KDL-20G2000



To connect	Do this
PC D	Connect to the PC / sockets. It is recommended to use a PC cable with ferrites.
DVD player with component output E	Connect to the component sockets and the audio sockets /2 (for KDL-15G2000) and /3 (for KDL-20G2000).
Video game equipment, DVD player or decoder F	Connect to the scart socket /1. When you connect the decoder, the scrambled signal from the TV tuner is output to the decoder, then the unscrambled signal is output from the decoder.
DVD recorder or VCR that supports SmartLink G	Connect to the scart socket /2. SmartLink is a direct link between the TV and a VCR/ DVD recorder.

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Specifications

Display Unit

Screen Size:
- KDL-20G2000: 20 inches
- KDL-15G2000: 15 inches

Display Resolution:
- KDL-20G2000: 640 dots (horizontal) × 480 lines (vertical)
- KDL-15G2000: 1,024 dots (horizontal) × 768 lines (vertical)

Power Requirements:
- 220–240 V AC, 50 Hz

AC power adaptor:
- KDL-20G2000:
  - Model name: AC-FD008
  - Rating: Input AC 100 V-240 V 50/60 Hz, 128 W
    Output DC 18 V 6.11 A
- KDL-15G2000:
  - Model name: AC-FD006
  - Rating: Input AC 100 V-240 V 50/60 Hz, 74 W
    Output DC 16.5 V 3.9 A

Power Consumption:
- KDL-20G2000: 53 W
- KDL-15G2000: 34 W

Standby Power Consumption:
- KDL-20G2000: 1.2 W
- KDL-15G2000: 1.1 W

Dimensions (w × h × d):
- KDL-20G2000:
  - Approx. 498 × 477 × 235 mm (with stand)
  - Approx. 498 × 445 × 111 mm (without stand)
- KDL-15G2000:
  - Approx. 394 × 398 × 170 mm (with stand)
  - Approx. 394 × 366 × 111 mm (without stand)

Mass:
- KDL-20G2000:
  - Approx. 10.4 kg (with stand)
  - Approx. 8.9 kg (without stand)
- KDL-15G2000:
  - Approx. 5.7 kg (with stand)
  - Approx. 4.8 kg (without stand)

Panel System

LCD (Liquid Crystal Display) Panel

TV System

Analogue: Depending on your country/region selection: B/G/H, D/K, L, I
Digital: DVB-T

Colour/Video System

Analogue: PAL, SECAM
NTSC 3.58, 4.43 (only Video In)
Digital: MPEG-2 MP@ML

Aerial

75 ohm external terminal for VHF/UHF

Channel Coverage

Analogue:	VHF:	E2–E12
	UHF:	E21–E69
	CATV:	S1–S20
	HYPER:	S21–S41
	D/K:	R1–R12, R21–R69
	L:	F2–F10, B–Q, F21–F69
	I:	UHF B21–B69
Digital:	VHF/UHF	

Terminals

/ 1
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, and TV audio/video output.

/ 2 (SmartLink) (only for KDL-20G2000)
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, selectable audio/video output and SmartLink interface.

3 (For KDL-20G2000) / 2 (For KDL-15G2000)
Supported formats: 576p, 576i, 480p, 480i
Y: 1 Vp-p, 75 ohms, 0.3V negative sync
P_B/C_B: 0.7 Vp-p, 75 ohms
P_R/C_R: 0.7 Vp-p, 75 ohms

3 (For KDL-20G2000) / 2 (For KDL-15G2000)
Audio input (phono jacks)
500 mVrms
Impedance: 47 kilo ohms

For KDL-20G2000
S 4 S video input (4-pin mini DIN)
4 Video input (phono jack)
4 Audio input (phono jacks)

For KDL-15G2000
S 3 S video input (4-pin mini DIN)
3 Video input (phono jack)
3 Audio input (phono jacks)

PC PC Input (15 Dsub) (see page 30) (only for KDL-15G2000)
G: 0.7 Vp-p, 75 ohms, non Sync on Green
B: 0.7 Vp-p, 75 ohms, non Sync on Green
R: 0.7 Vp-p, 75 ohms, non Sync on Green
HD: 1-5 Vp-p
VD: 1-5 Vp-p
PC audio input (minijack)

Headphones jack
CAM (Conditional Access Module) slot

Continued

Sound Output

KDL-20G2000: 3 W + 3 W (RMS)
KDL-15G2000: 3 W + 3 W (RMS)

Supplied Accessories

Refer to "1: Checking the accessories" on page 4.

Design and specifications are subject to change without notice.

PC Input Signal Reference Chart (only for KDL-15G2000)

Signals	Horizontal (Pixel)	Vertical (Line)	Horizontal frequency (kHz)	Vertical frequency (Hz)	Standard
VGA	640	480	31.5	60	VGA
SVGA	800	600	37.9	60	VESA Guidelines
XGA	1024	768	48.4	60	VESA Guidelines

- This TV's PC input does not support Sync on Green or Composite Sync.
- This TV's PC input does not support interlaced signals.
- This TV's PC input supports signals in the above chart with a 60 Hz vertical frequency. For other signals, you will see the message "Out of range".

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Troubleshooting

Check whether the ⏻ (standby) indicator is flashing in red.

When it is flashing

The self-diagnosis function is activated.

1 Measure how long the ⏻ (standby) indicator flashes and stops flashing.
For example, the indicator flashes for two seconds, stops flashing for one second, and flashes for two seconds.

2 Press ⏻ on the TV (top side) to switch it off, disconnect the mains lead, and inform your dealer or Sony service centre of how the indicator flashes (duration and interval).

When it is not flashing

1 Check the items in the tables below.

2 If the problem still persists, have your TV serviced by qualified service personnel.

Picture

Problem	Cause/Remedy
No picture (screen is dark) and no sound	• Check the aerial connection. • Connect the TV to the mains, and press ⏻ on the TV (top side). • If the ⏻ (standby) indicator lights up in red, press I/⏻.
Double images or ghosting	• Check aerial/cable connections. • Check the aerial location and direction.
Only snow and noise appear on the screen	• Check if the aerial is broken or bent. • Check if the aerial has reached the end of its serviceable life (three to five years in normal use, one to two years at the seaside).
Distorted picture (dotted lines or stripes)	• Keep the TV away from electrical noise sources such as cars, motorcycles, hair-dryers or optical equipment. • When installing optional equipment, leave some space between the optional equipment and the TV. • Make sure that the aerial is connected using the supplied coaxial cable. • Keep the aerial cable away from other connecting cables.
Picture noise when viewing a TV channel	• Select "Manual Programme Preset" in the "Set-Up" menu and adjust "AFT" (Automatic Fine Tuning) to obtain better picture reception (page 25).
Some tiny black points and/or bright points on the screen	• The picture of a display unit is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction.
No colour on programmes	• Select "Reset" in the "Picture Adjustment" menu to return to the factory settings (page 20).
No colour or irregular colour when viewing a signal from the Y, PB/CB, PR/CR jacks of 2 (for KDL-15G2000) and 3 (for KDL-20G2000)	• Check the connection of the Y, PB/CB, PR/CR jacks of 2 (for KDL-15G2000) and 3 (for KDL-20G2000). • Make sure that the Y, PB/CB, PR/CR jacks of 2 (for KDL-15G2000) and 3 (for KDL-20G2000) are firmly seated in their respective sockets.

Continued

Sound

Problem	Cause/Remedy
No sound, but good picture	• Press +/– or (Mute).
Noisy sound	• See the "Picture noise" causes/remedies on page 33.

Channels

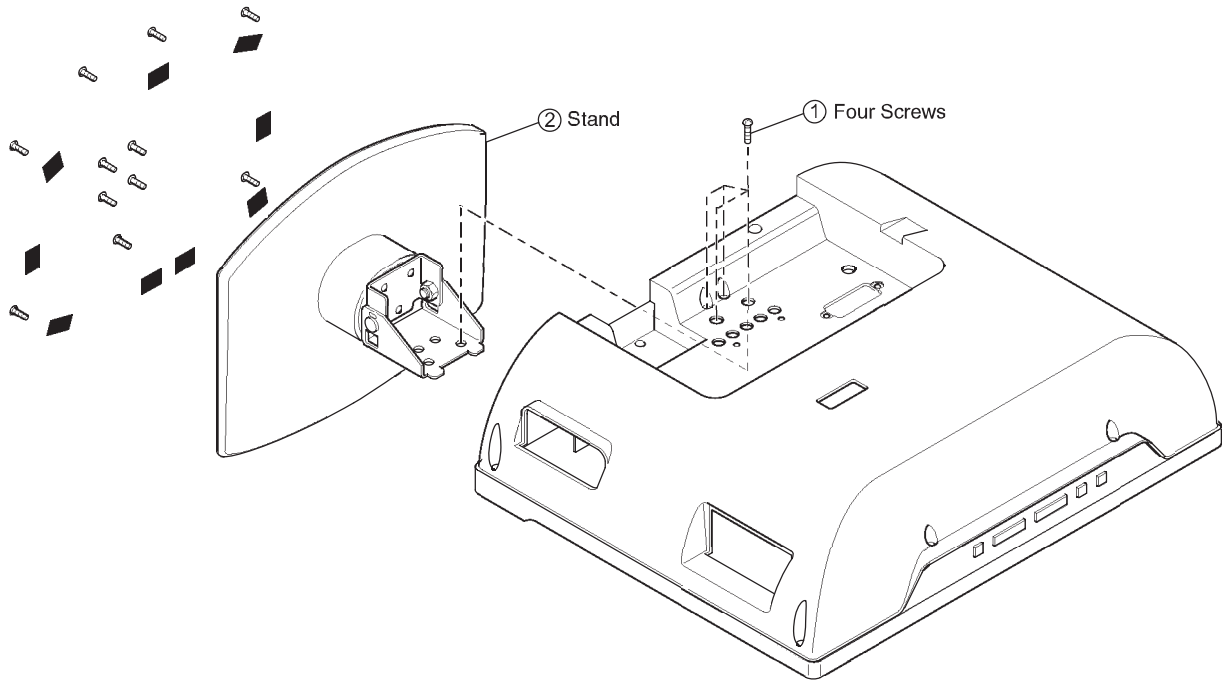
Problem	Cause/Remedy
The desired channel cannot be selected	• Switch between digital and analogue mode and select the desired digital/analogue channel.
Some channels are blank	• Scrambled/Subscription only channel. Subscribe to the Pay Per View service. • Channel is used only for data (no picture or sound). • Contact the broadcaster for transmission details.
Digital channel is not displayed	• Check that the aerial is plugged directly into the TV (not through other equipment). • Contact a local installer to find out if digital transmissions are provided in your area. • Upgrade to a higher gain aerial.

General

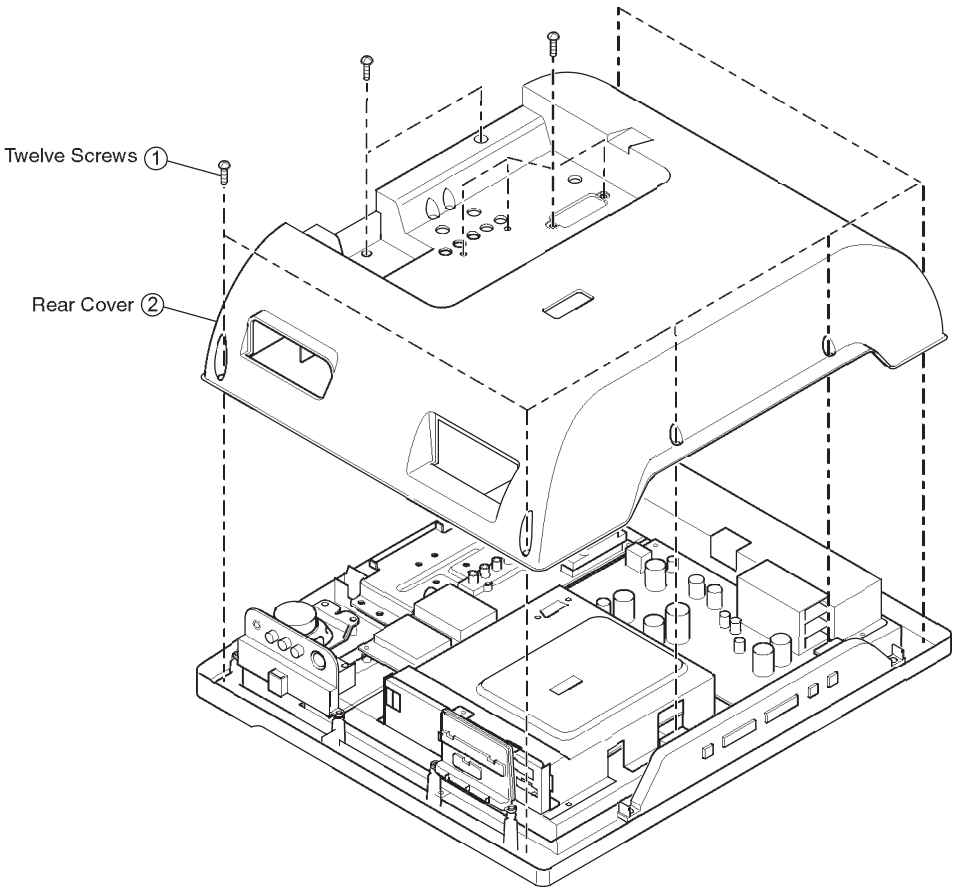
Problem	Cause/Remedy
The TV turns off automatically (the TV enters standby mode)	• Check if the "Sleep Timer" is activated, or confirm the setting of "Off Time" (page 23). • If no signal is received and no operation is performed in the TV mode for 10 minutes, the TV automatically switches to standby mode.
The TV turns on automatically	• Check if the "On Time" is activated (page 23).
Some input sources cannot be selected	• Select "AV Preset" in the "Set-up" menu and cancel "Skip" of the input source (page 24).
The remote does not function	• Replace the batteries.

SECTION 2 DISASSEMBLY

2-1. STAND REMOVAL



2-2. REAR COVER REMOVAL



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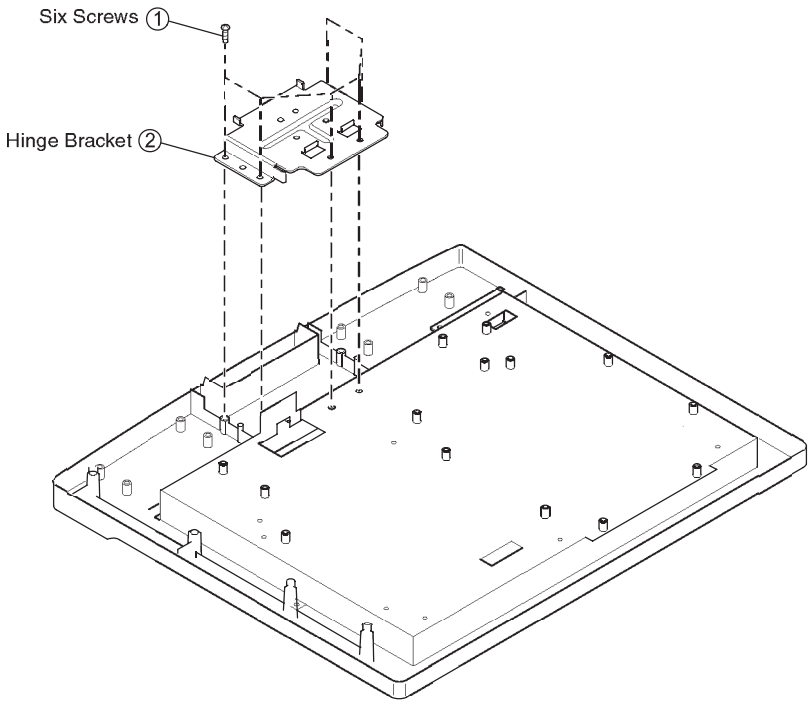
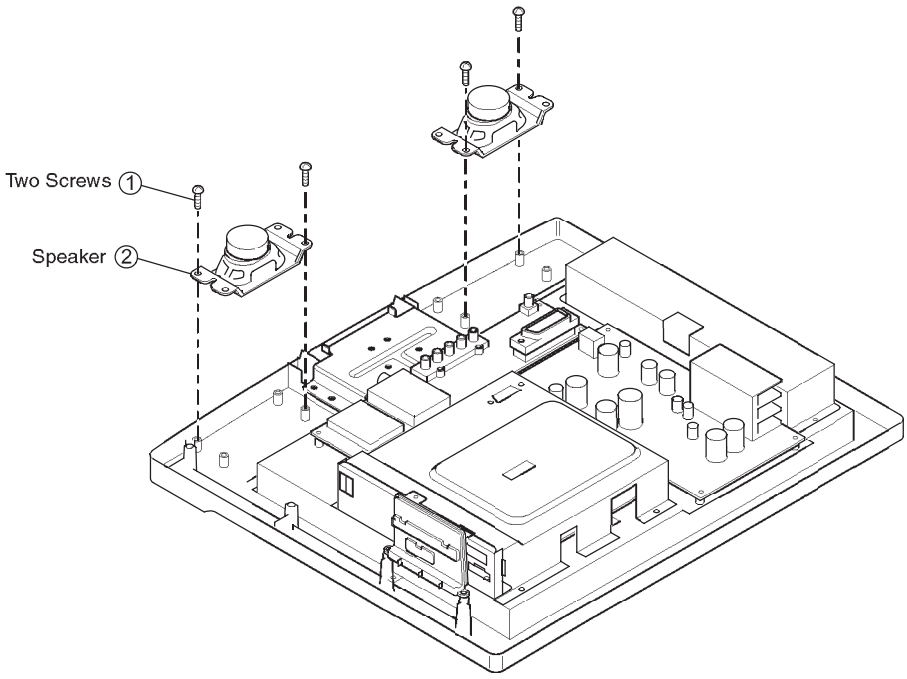
2-3. HINGE BRACKET REMOVAL



2-4. SPEAKER REMOVAL



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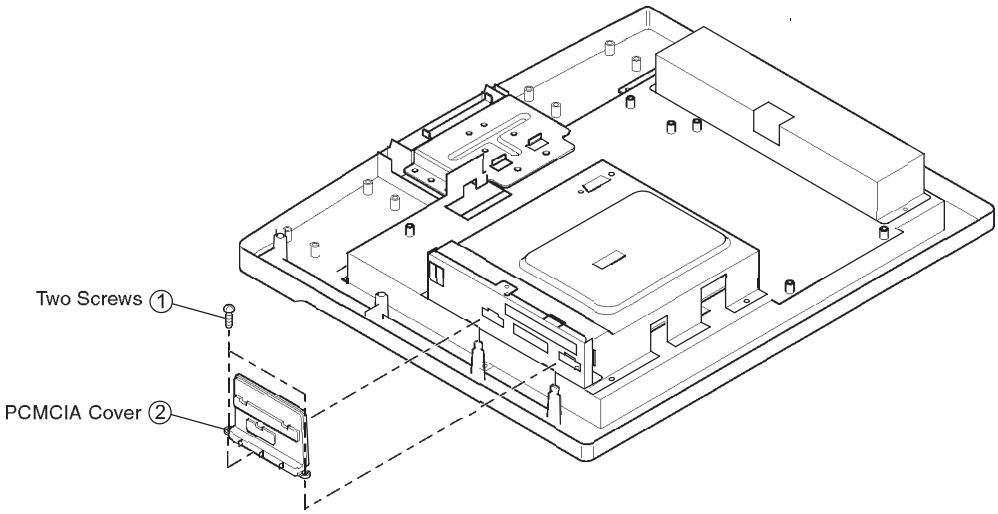
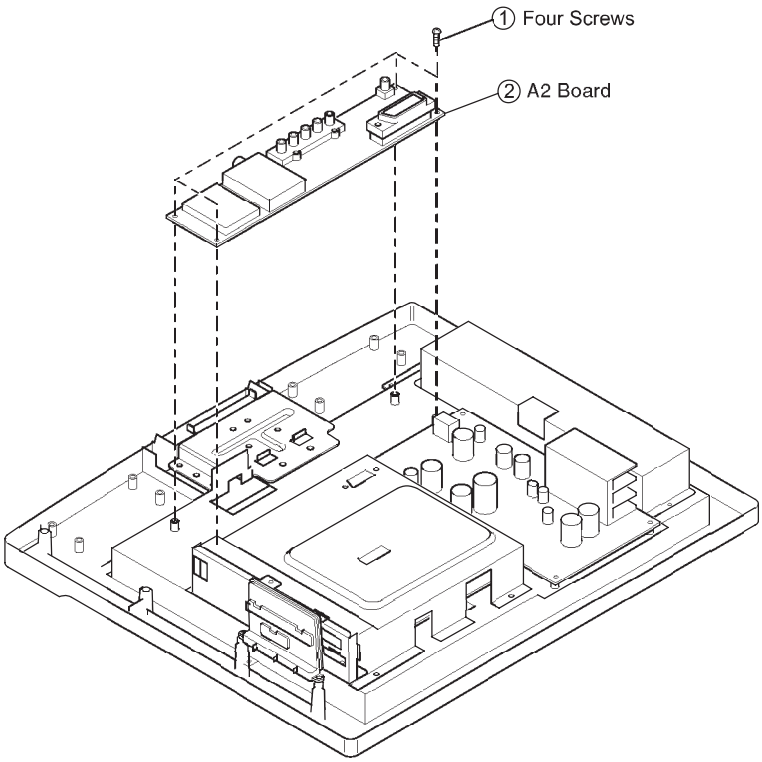
2-5. PCMCIA COVER REMOVAL



2-6. A2 BOARD REMOVAL



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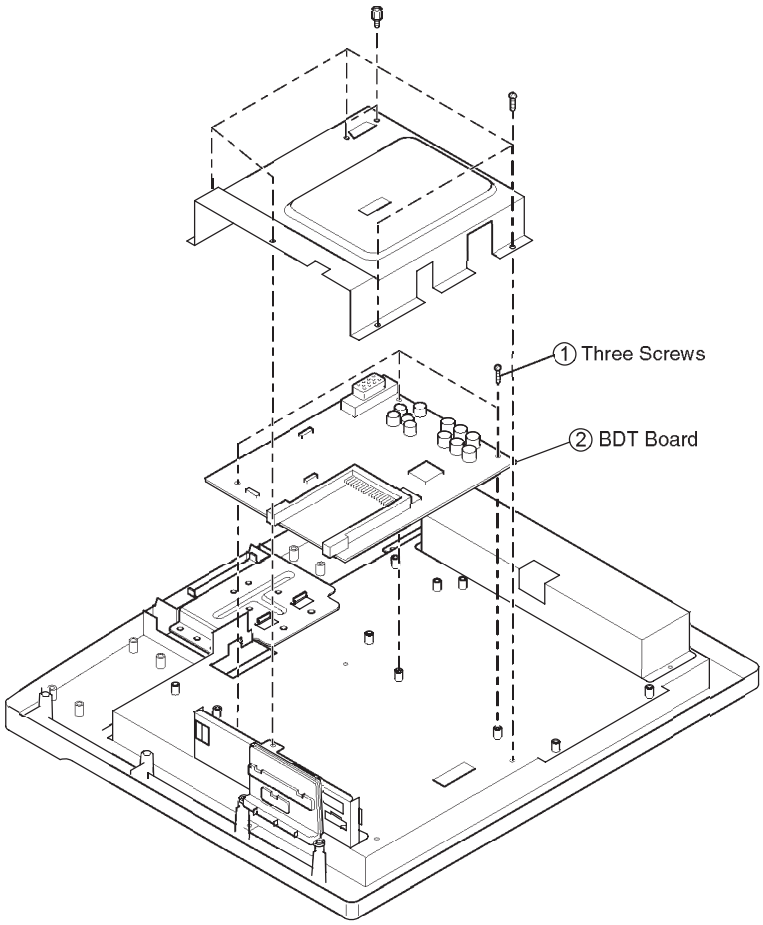
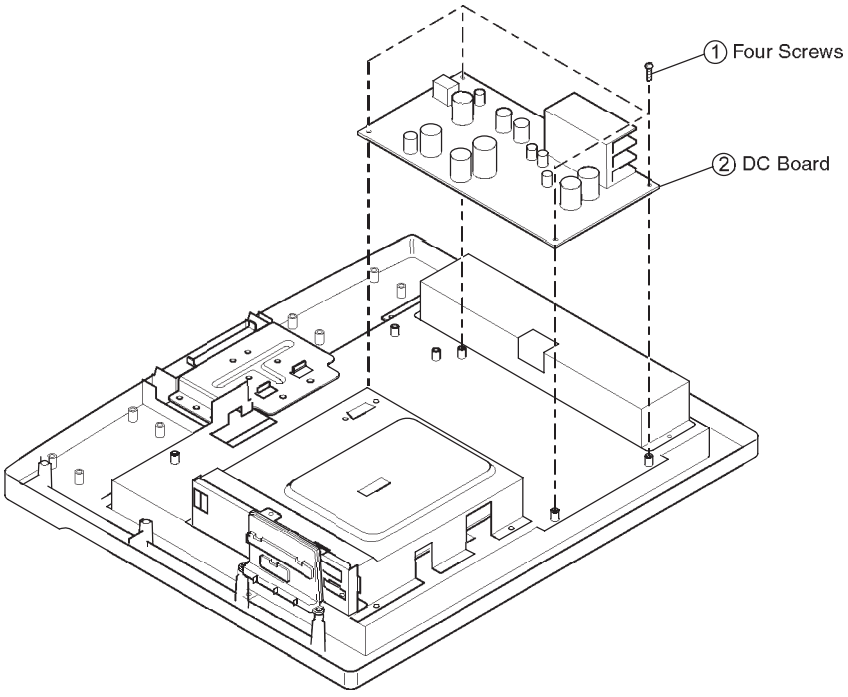
2-7. BDT BOARD REMOVAL



2-8. DC BOARD REMOVAL



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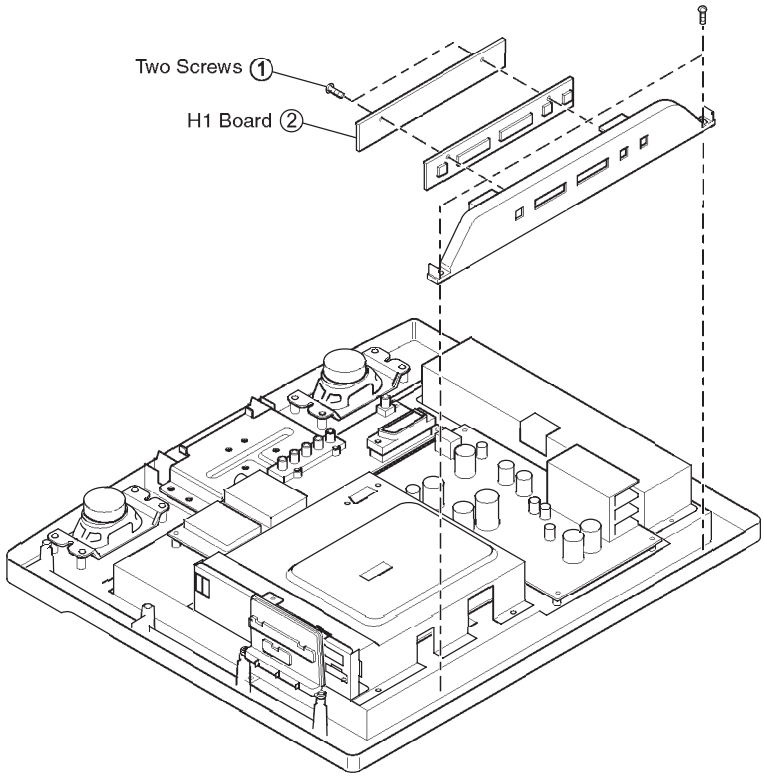
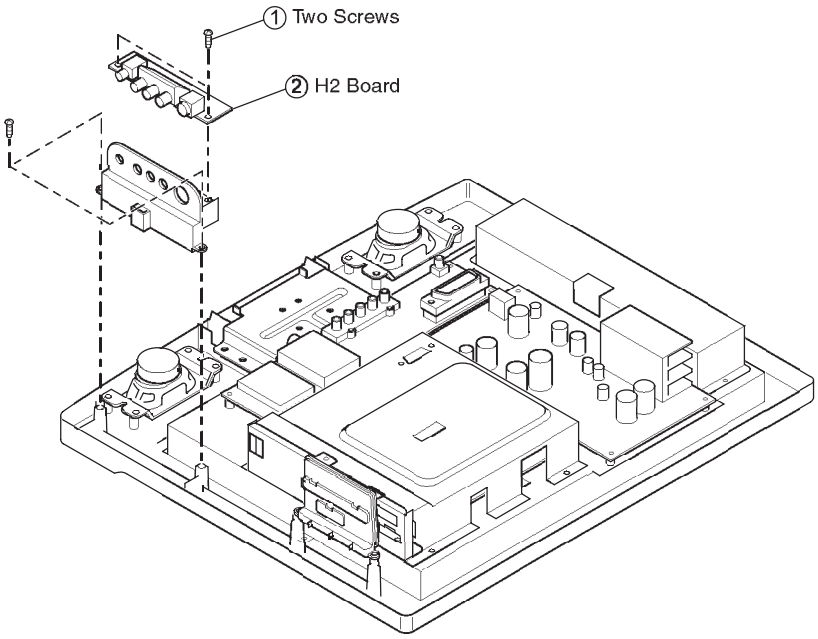
2-9. H1 BOARD REMOVAL



2-10. H2 BOARD REMOVAL



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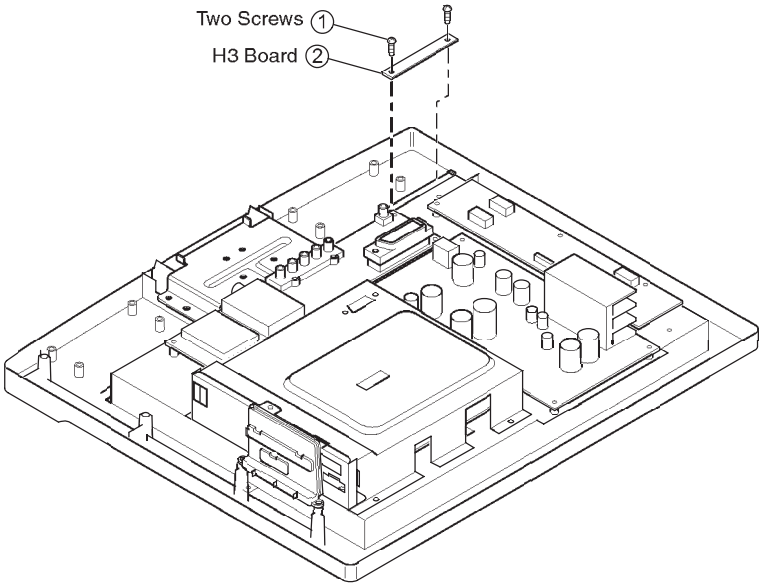
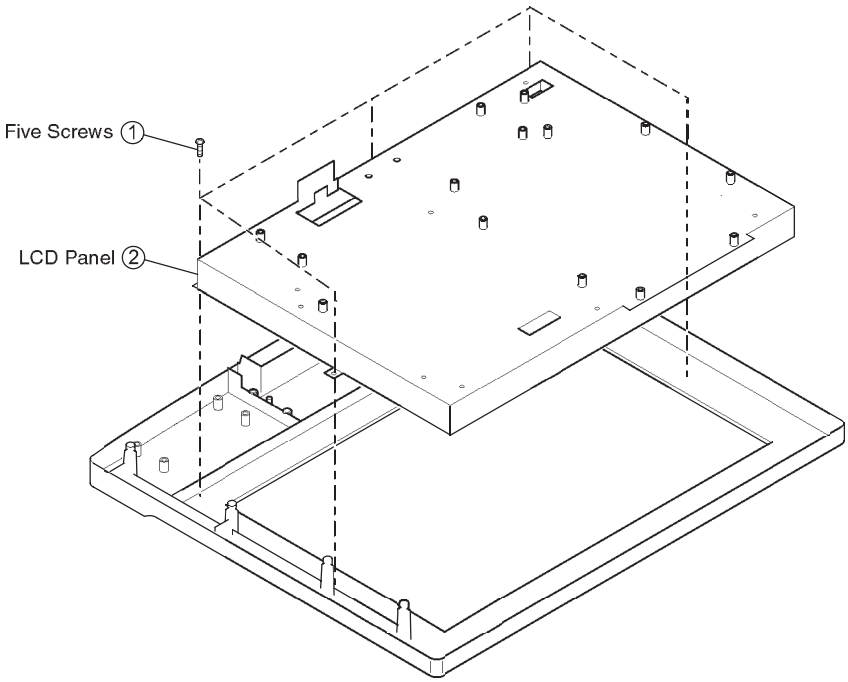
2-11. H3 BOARD REMOVAL



2-12. LCD PANEL REMOVAL



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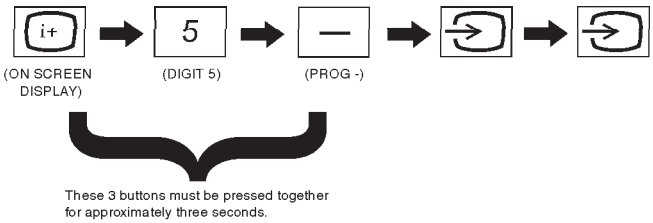
SECTION 3 CIRCUIT ADJUSTMENTS

3-1. Electrical Adjustments

Service adjustments to this model can be performed using the supplied remote Commander RM-ED007.

How to enter into the Service Mode

1. Turn on the main power switch.
2. Press the following sequence of buttons on the Remote Commander.



'TT—' will appear in the upper right corner of the screen. Other status information will also be displayed (See 3-3 Page 25).

3. Press 'MENU' on the remote commander to obtain the following menu on the screen.

```
BACKLIGHT
SOUND
IF ADJUST
ERROR MENU

SE1  VGA  v0.08B  Jun06
FACTORY DATA: 11111111
SERIAL NUMBER: 4294967295
WORKING TIME: 0:52
```

4. Move to the corresponding adjustment item using the up or down arrow buttons on the Remote Commander.
5. Press the right arrow button to enter into the required menu item.
6. Press the 'Menu' button on the Remote Commander to quit the Service Mode when all adjustments have been completed.

Note :

- After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON.

BACKLIGHT

BACKLIGHT	(0, 255)	160
U BACKLIGHT	(0, 10)	10
BL SETUDEN	(0, 255)	28
BL BOTTOM	(0, 255)	28
ECO MODE	(0, 1)	1
DIMMER	(0, 255)	160

SOUND

M-N	(0, 511)	192
M-D	(-128, -1)	-20
M-S	(+0, +127)	+20
S-M	(+0, +127)	+10
D-M	(-128, -1)	-10
N-M	(0, 1023)	496
Effect Mode	(+0, +2)	+2
BBE Mode	(-0, +127)	+0
BBE Vol main	(+0, +255)	+6
BBE Vol res	(+0, +7)	+3
B1	(-96, +96)	+0
B2	(-96, +96)	+8
B3	(-96, +96)	+7
B4	(-96, +96)	+8
B5	(-96, +96)	-28
Loudness	(+0, +68)	-11
MB_STR	(+0, -127)	+0
MB_LIM	(-32, +0)	+0
MB_HMC	(+0, +127)	-15
MB_LP	(+5, +30)	-24
MB_HP	(+3, +30)	-20
SUBW_FREQ	(+5, +40)	+30
NICAM C AD	00000	
NICAM Error	(0, 2047)	2047
Stereo	(-128, +127)	+0
Status	0000000110	

IF ADJUST

Automute		0
Audio Gain		0
L Gating		0
Coincidence		0
AFT window		1
AFT Status		0111
AGC TOP	(-16, +15)	-5

ERROR MENU

E02: Reserved	(0, 255)	0
E03: DC Fail	(0, 255)	0
E04: PANEL DET	(0, 255)	2
E05: NVM	(0, 255)	0
E06: IIC	(0, 255)	0
E07: Reserved	(0, 255)	0
E08: DIGITAL	(0, 255)	0
E09: TUNER	(0, 255)	0
E10: SP	(0, 255)	0
E11: VCTP	(0, 255)	0
E12: PEXP	(0, 255)	0
E13: RTC	(0, 255)	0
WORKING TIME		
HOURS	(0, 65535)	4
MINUTES	(0, 59)	38

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3-2. TEST MODE 2

Test Mode 2 is available by setting the TV for operation in Service Mode [As shown on Page 23] , OSD 'TT' appears. The functions described below are available by selecting the two numbers. To release the 'Test mode 2', press 00, 10, 20 ... twice or switch the TV set into Stand-by mode. In 'TT Menu' mode, it is possible to remove the Menu from the screen by pressing the Speaker Off button once. Pressing the Speaker OFF button a second time will cause the Menu to reappear. The function is kept even when the menu is not displayed on screen !!.

00	'TT' mode off
01	Set picture level to maximum
02	Set picture level to minimum
03	Set volume to 35%
04	Set volume to 50%
05	Set volume to 65%
06	Set volume to 80%
07	Ageing mode on
08	Shipping Condition
16	Picture level 50%
19	Factory mode enable/disable
24	U Destination
25	AEP Destination
27	CBA mode toggle (ON/OFF)
31	ECS mode toggle (ON/OFF)
32	Set BCN channels preset
33	FILMODE toggle (ON/OFF)
34	Set INY channels preset
35	INSERT or SWAP sorting
37	Hotel mode
38	OTRUM mode
39	Enable Digital Test
41	Re-initialise NVM
43	Select Dual Sound A
44	Select Dual Sound B
45	Select Dual Sound Mono
46	Select Dual Sound Stereo
48	Set NVM as non-virgin
49	Set NVM as virgin
51	PAL autoadjustment
52	RGB autoadjustment
53	SECAM autoadjustment
54	Watchdog toggle

55	Toggle tuner selection
56	Reset all channel attenuations
58	Chip select toggle
59	Visual I2C toggle
61	Auto AGC
62	Toggle digital mode flag
63	AM from baseband or from RF
64	Set 40" settings (Not Applicable)
67	MSP Auto Carrier Mute function enable/disable
71	Set 19" settings (Not Applicable)
72	Set 23" settings (Not Applicable)
73	Set 26" settings (Not Applicable)
74	Set 32" settings (Not Applicable)
75	Set centred balance
76	Set volume to max
77	Set volume to min
78	Set balance full left
79	Set balance full right
81	Digital BER display
82	Digital Service menu
83	Digital colour bar output from DENC
84	TS CI path through
85	Digital tuner power down
86	Switch between two digital SW banks
87	Local keys test
88	Digital shipping conditions
89	LED test
92	PC Monitor mode
93	I2S / Analogue audio used for Digital sound
96	Digital debug output: enable/disable
97	Digital 656 output: enable/disable
98	Digital Auto Reset function: enable/disable
99	Display Error and Working Time menu

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3-3.TT OSD Labels

		(1)	2	0		A	E	P	(2)			(3)	T	T	-	-		
(4)	E	C	S		(5)	C	B	A				(6)	N	o	r	m		
(7)	D	D	C		(8)	E			O	H	D	C	M	S				
									(9)	(10)	(11)	(12)	(13)	(14)				
	C	L	K		-	W			C	V								
					(15)	(16)			(17)	(18)								

1. Model configuration.
2. Model destination.
3. Command prompt.
4. ECS enabled/disabled (TT31).
5. CBA is shown when the TV set is in CBA mode (This mode is available from Factory mode).
6. Normal or Factory mode (TT19).
7. DDC enabled/disabled (TT65).
8. E is shown when EDID WP is enabled; - is shown otherwise (TT66).
9. O is shown when OTRUM is enabled; - is shown otherwise (TT38).
10. H is shown when Hotel mode is enabled; - is shown otherwise (TT37).
11. D is shown when Digital mode is enabled; A is shown when Analogue mode is enabled (TT62).
12. C (Default value) is shown when MSP Auto Carrier Mute function is enabled; - is shown otherwise.
13. M (Default value) is shown when AM sound is demodulated in MSP; A is shown when AFRIC demodulator is used.
14. S is shown when a SONY tuner is selected; P is shown when a PHILIPS tuner is selected (TT55).
15. V is shown when Visual I2C is enabled; - is shown otherwise (TT55).
16. W is shown when Watchdog is enabled; - is shown otherwise (TT55).
17. C is shown when Chip Select is enabled; - is shown otherwise (TT55).
18. V is shown when Visual I2C is enabled; - is shown otherwise (TT55).

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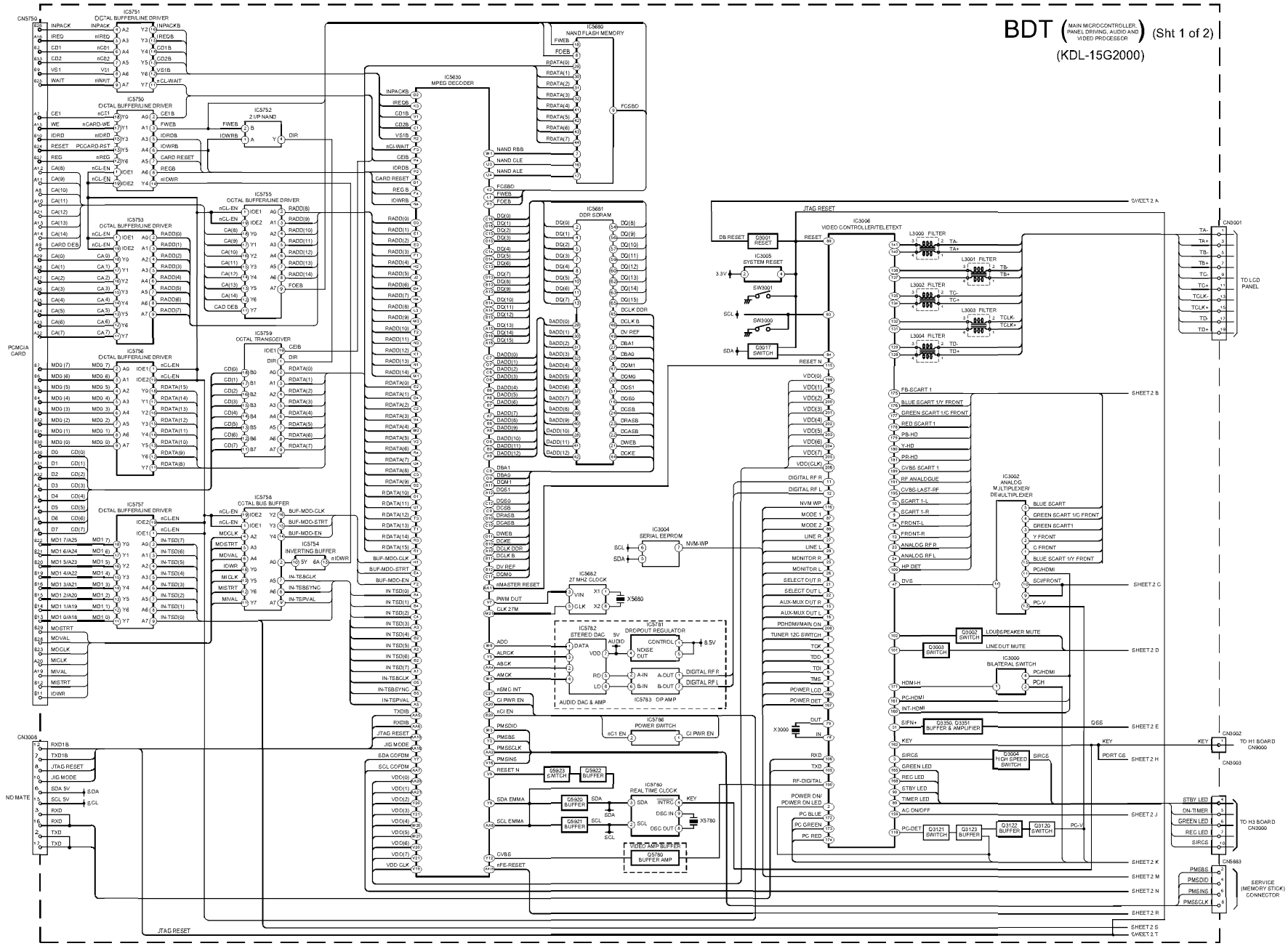
4-1. BLOCK DIAGRAMS (1)



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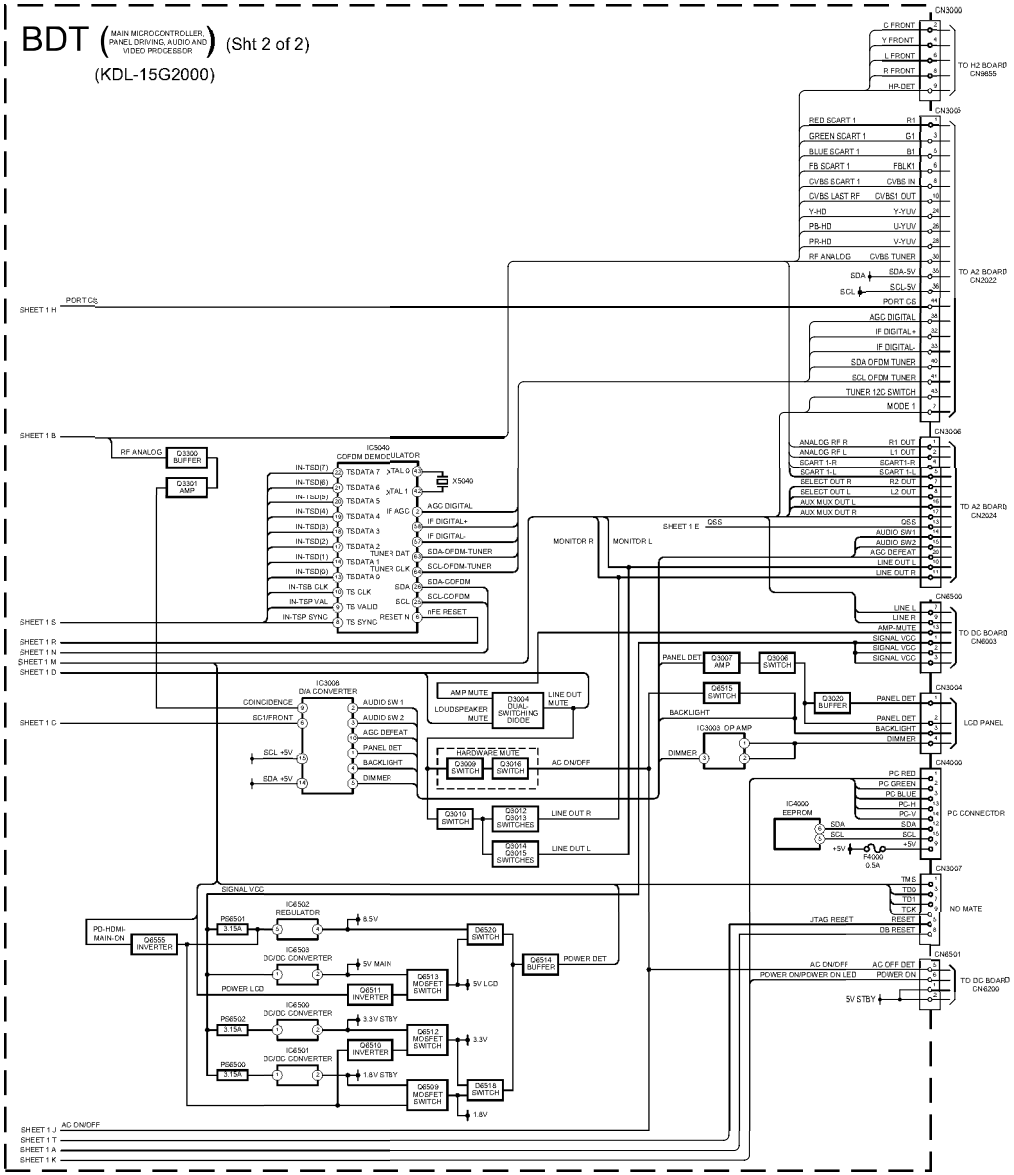

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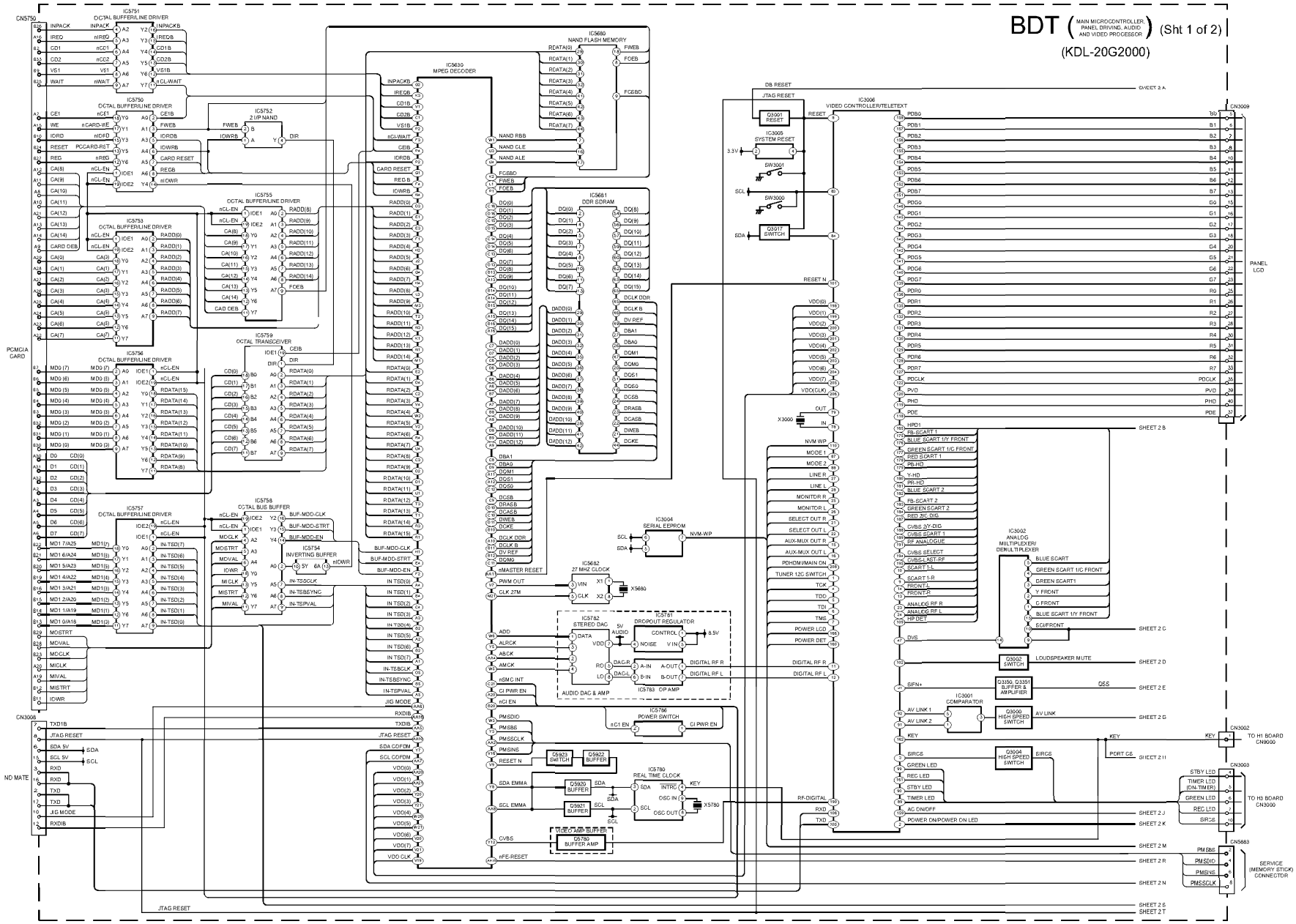
4-1. BLOCK DIAGRAMS (3)



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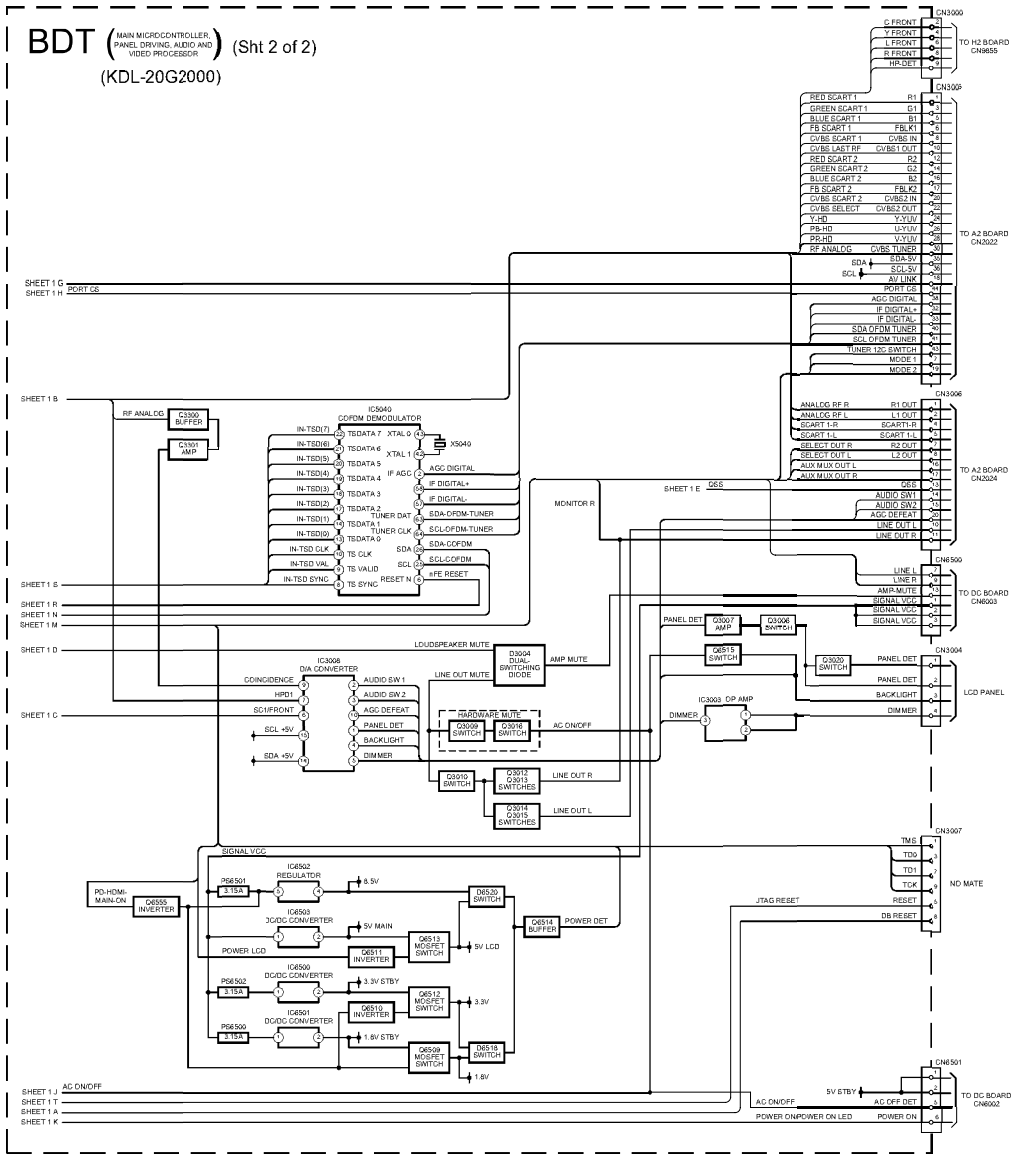

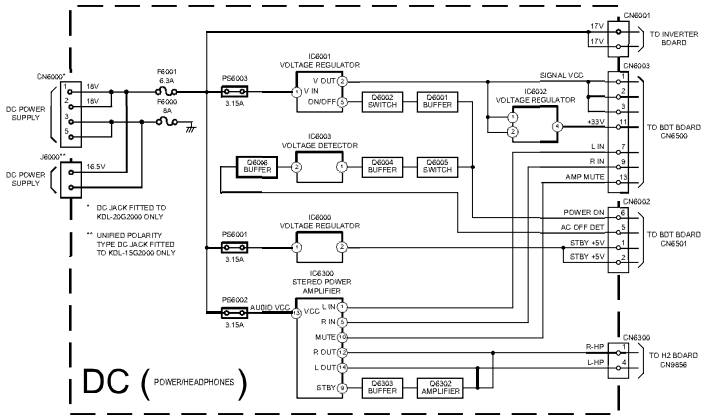

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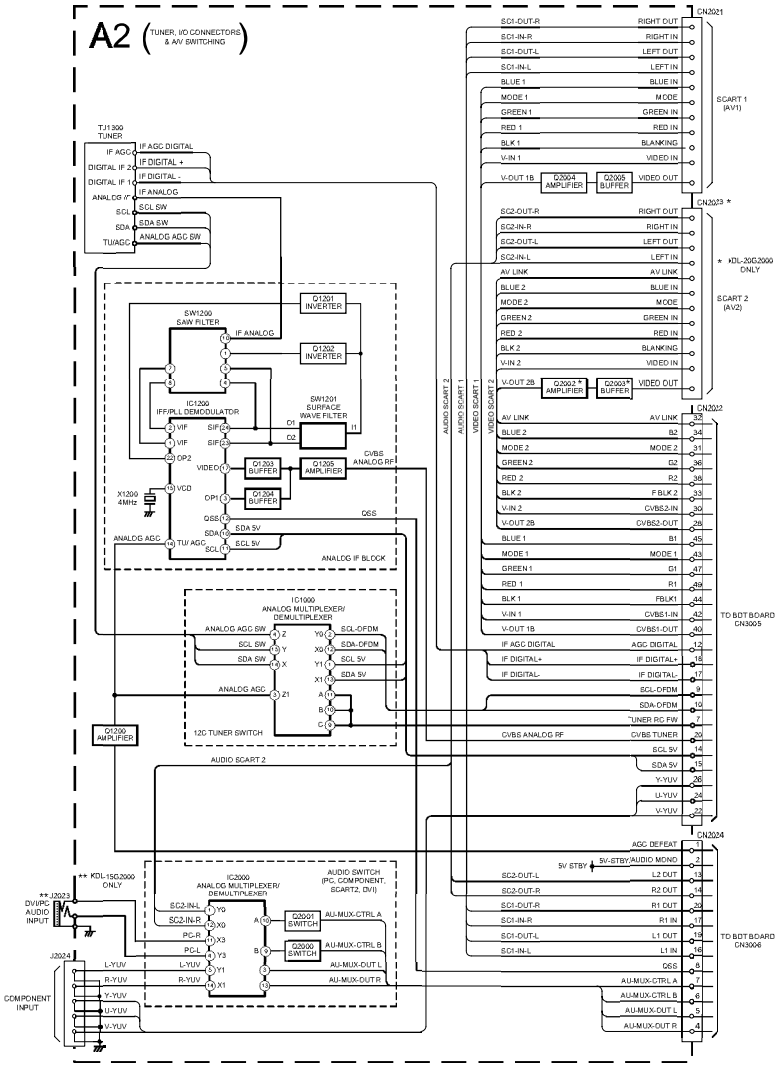
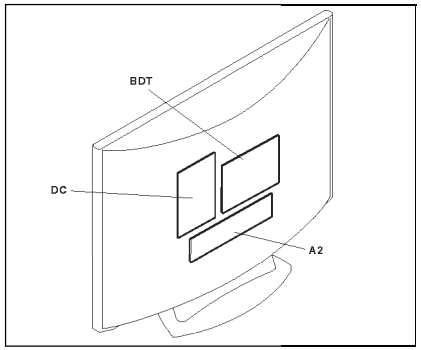
4-1. BLOCK DIAGRAMS (5)



4-2. CIRCUIT BOARD LOCATION



4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note :

- All capacitors are in μF unless otherwise noted.
- pF : μμF 50WV or less are not indicated except for electrolytic types.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm Electrical power rating : 1/4W

- Chip resistors are 1/10W
- All resistors are in ohms.
  k = 1000 ohms, M = 1000,000 ohms
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.
- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

Reference Information

RESISTOR	**RN**	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
		: ADJUSTMENT RESISTOR
COIL	**LF-8L**	: MICRO INDUCTOR
CAPACITOR	**TA**	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

Note : Les composants identifiés par une trame et par une marque ⚠ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié. specified.

Note :

- CVBS and RGB waveforms are measured using a PAL colour bar input to Scart1. Y, U, V waveforms are measured using a PAL colour bar input to component sockets (Y, Pb/Cb, Pr/Cr).

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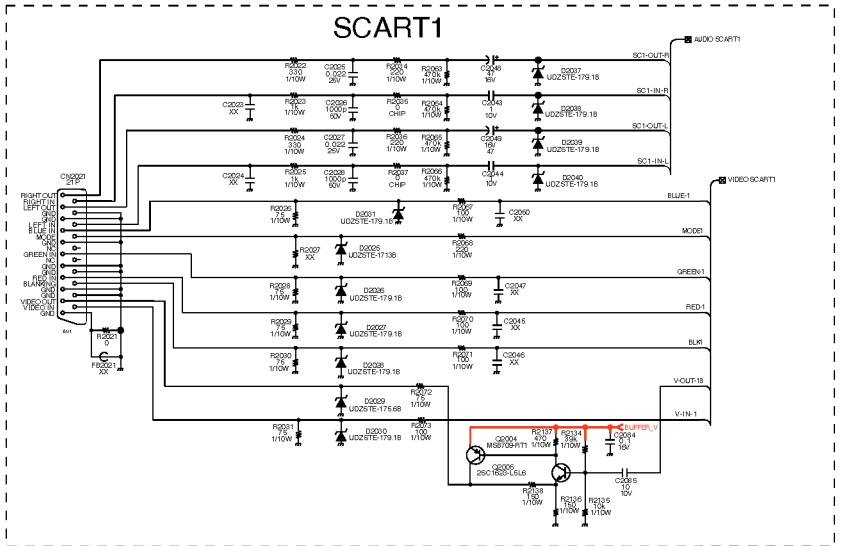
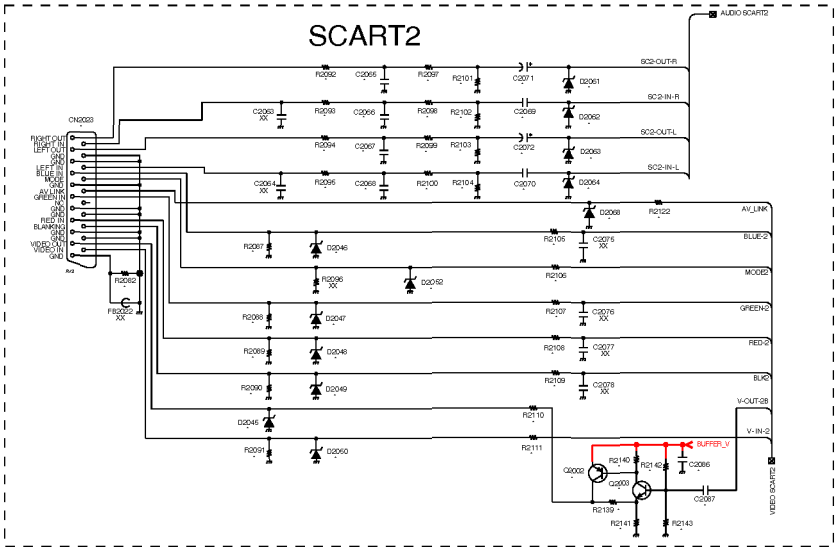
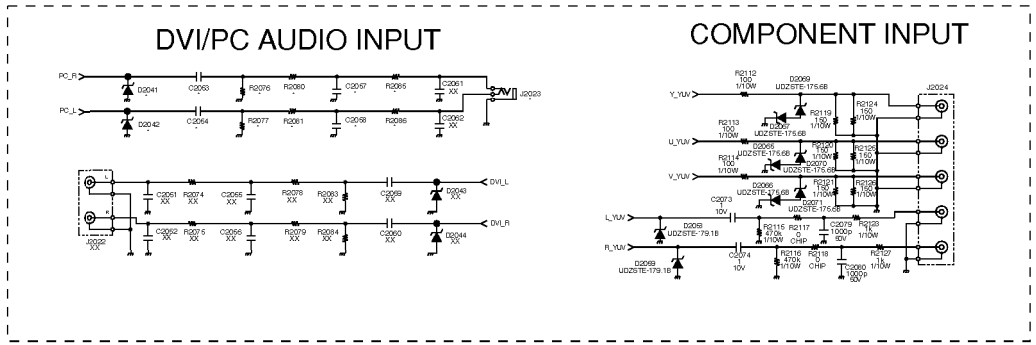
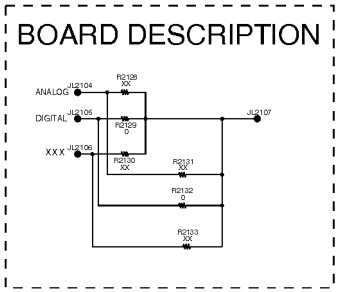
A2 -SE-1(KDL-15/20G2000)









A2 1/3 TUNER, I/O CONNECTORS & A/V SWITCHING

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ A2 Board Schematic Diagram [Tuner, I/O Connectors & A/V Switching] Page 1/3 ~

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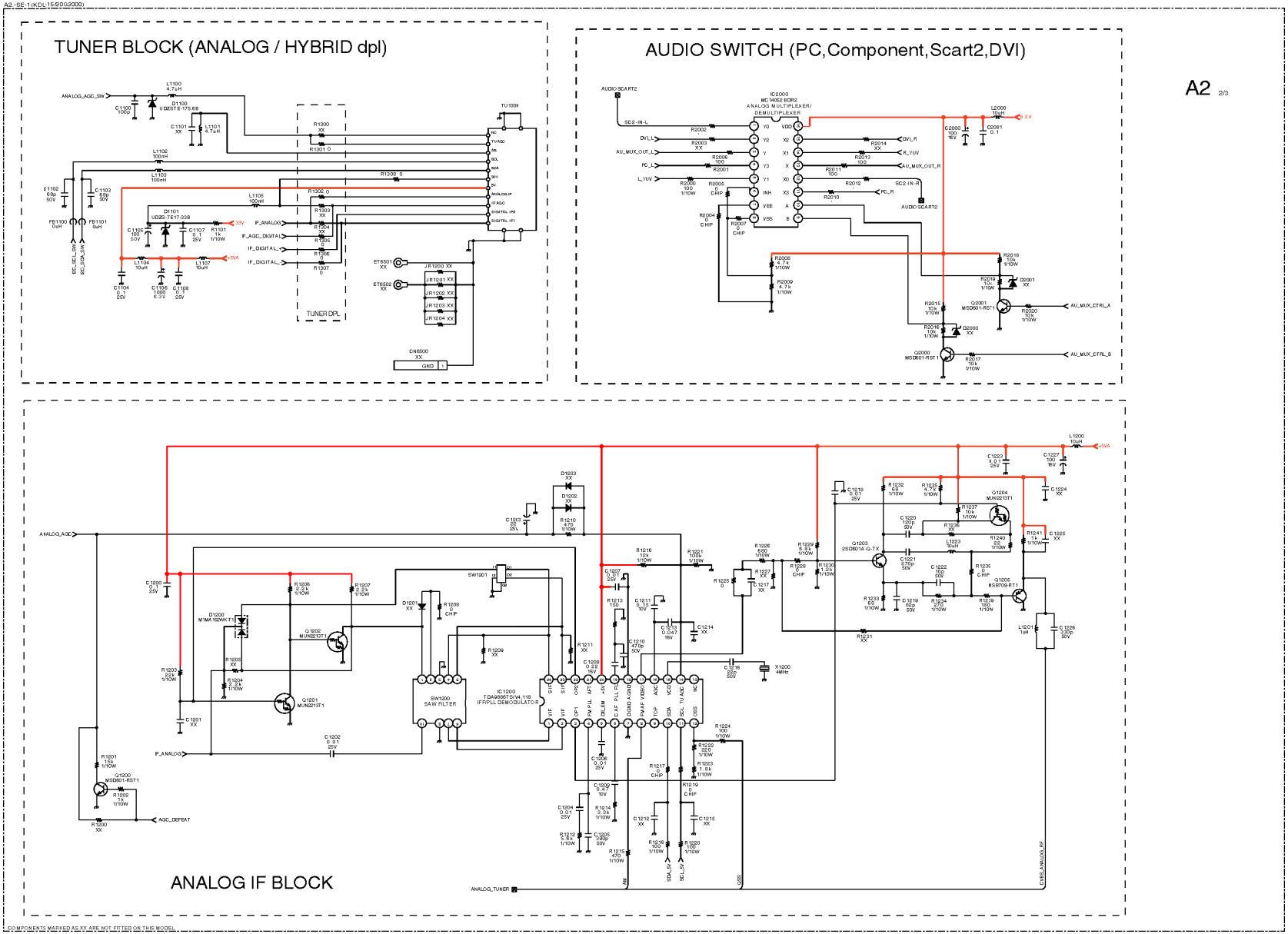

~ A2 Board Schematic Diagram [Tuner, I/O Connectors & A/V Switching] Page 2/3 ~

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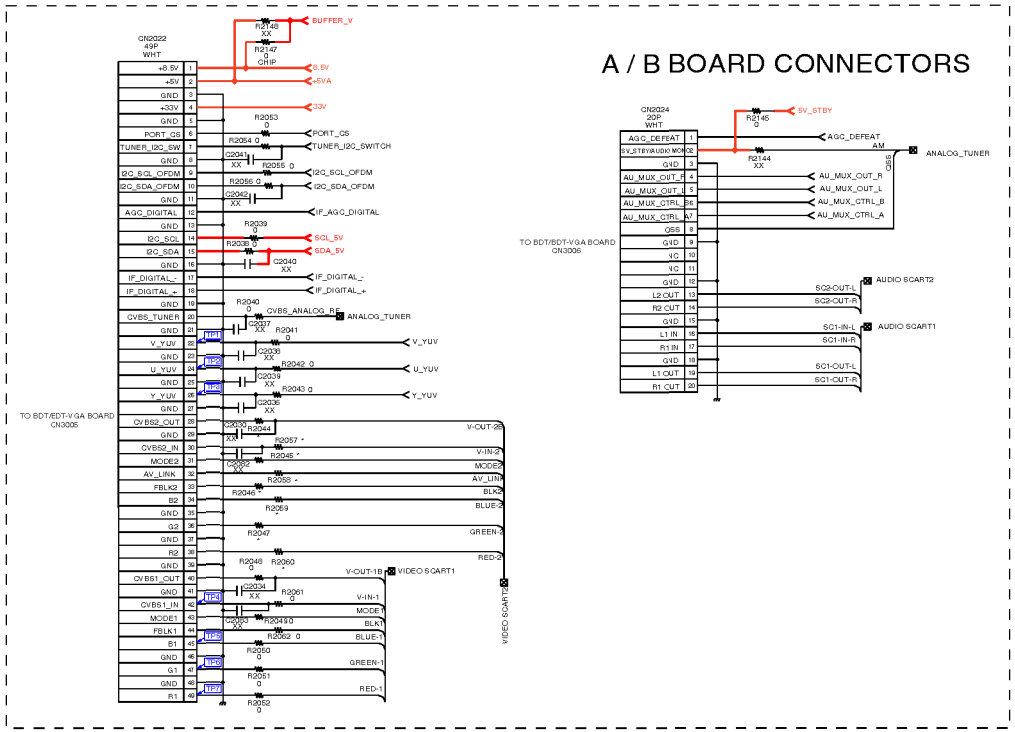
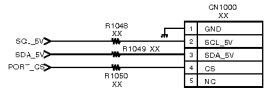
A2 3/3

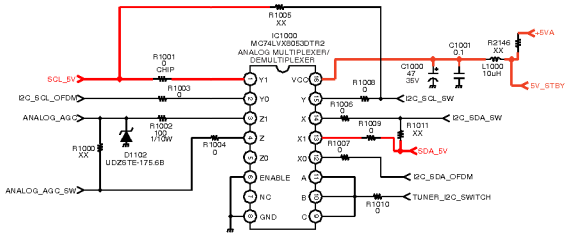
A / B BOARD CONNECTORS



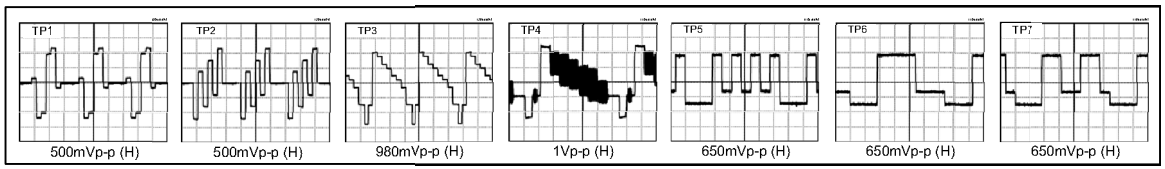
SERVICE CONNECTOR



I2C TUNER SWITCH (analog/digital)



A2 (3/3) Board Waveforms



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ A2 Board Schematic Diagram [Tuner, I/O Connectors & A/V Switching] Page 3/3 ~

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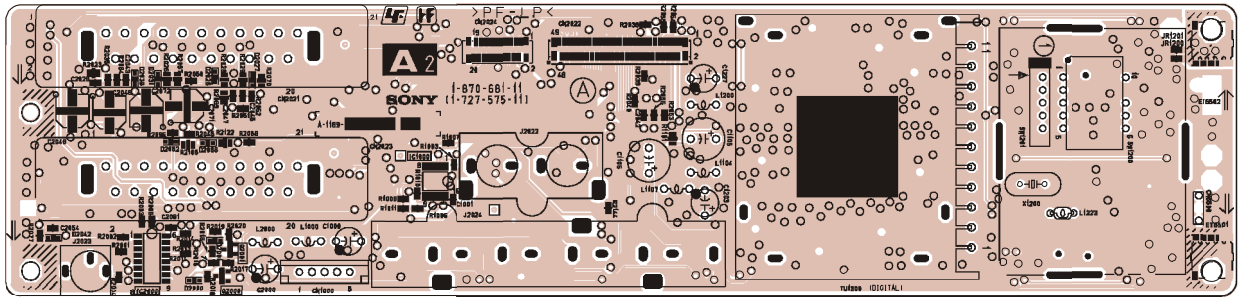
~ A2 Printed Wiring Board Conductor Side A ~



~ A2 Board Semiconductor Location Table Side A ~

DIODE								IC		TRANSISTOR	
D2026	E - 3	D2031	D - 3	D2047	D - 3			IC1000	F - 3	Q2000	E - 4
D2027	E - 3	D2038	D - 3	D2052	D - 3			IC2000	D - 4	Q2001	E - 4
		D2042	D - 4	D2068	E - 3						

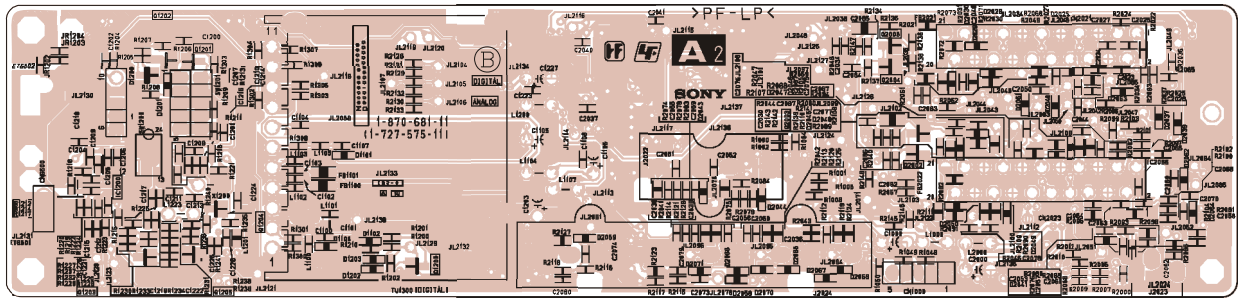
~ A2 Board Semiconductor Voltage Table ~

Ref	(e)(s)	(b)(g)	(c)(d)
Q2000	0	0.4	8.4
Q2001	0	0.7	0

~ A2 Board IC Voltage Table ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC1000	1	3.7	IC1000	13-15	3.6	IC2000	8	4.2
	2	3.2		16	5.0		9	8.5
	3-4	2.3	IC2000	1-5	0		10	4.3
	5-8	0		6	4.2		11-15	0
	9-12	3.2		7	0		16	8.5

~ A2 Printed Wiring Board Conductor Side B ~



~ A2 Board Semiconductor Location Table Side B ~

DIODE		D2025	K - 7	D2040	K - 8	D2046	I - 8	D2059	H - 9	D2065	I - 9	D2071	H - 9	Q1201	E - 7	Q2002	J - 9
D1100	F - 9	D2028	K - 7	D2041	K - 9	D2048	I - 8	D2061	L - 8	D2066	I - 9	IC		Q1202	D - 7	Q2003	I - 8
D1101	F - 8	D2030	K - 7	D2043	I - 8	D2049	K - 9	D2062	L - 9	D2067	I - 9	IC1200	D - 8	Q1203	D - 9	Q2004	J - 8
D1102	F - 9	D2037	L - 8	D2044	I - 9	D2050	J - 9	D2063	I - 8	D2069	J - 9	TRANSISTOR		Q1204	E - 9	Q2005	J - 7
D1200	D - 8	D2039	M - 8	D2045	I - 8	D2058	I - 9	D2064	M - 9	D2070	I - 9	Q1200	F - 9	Q1205	E - 9		

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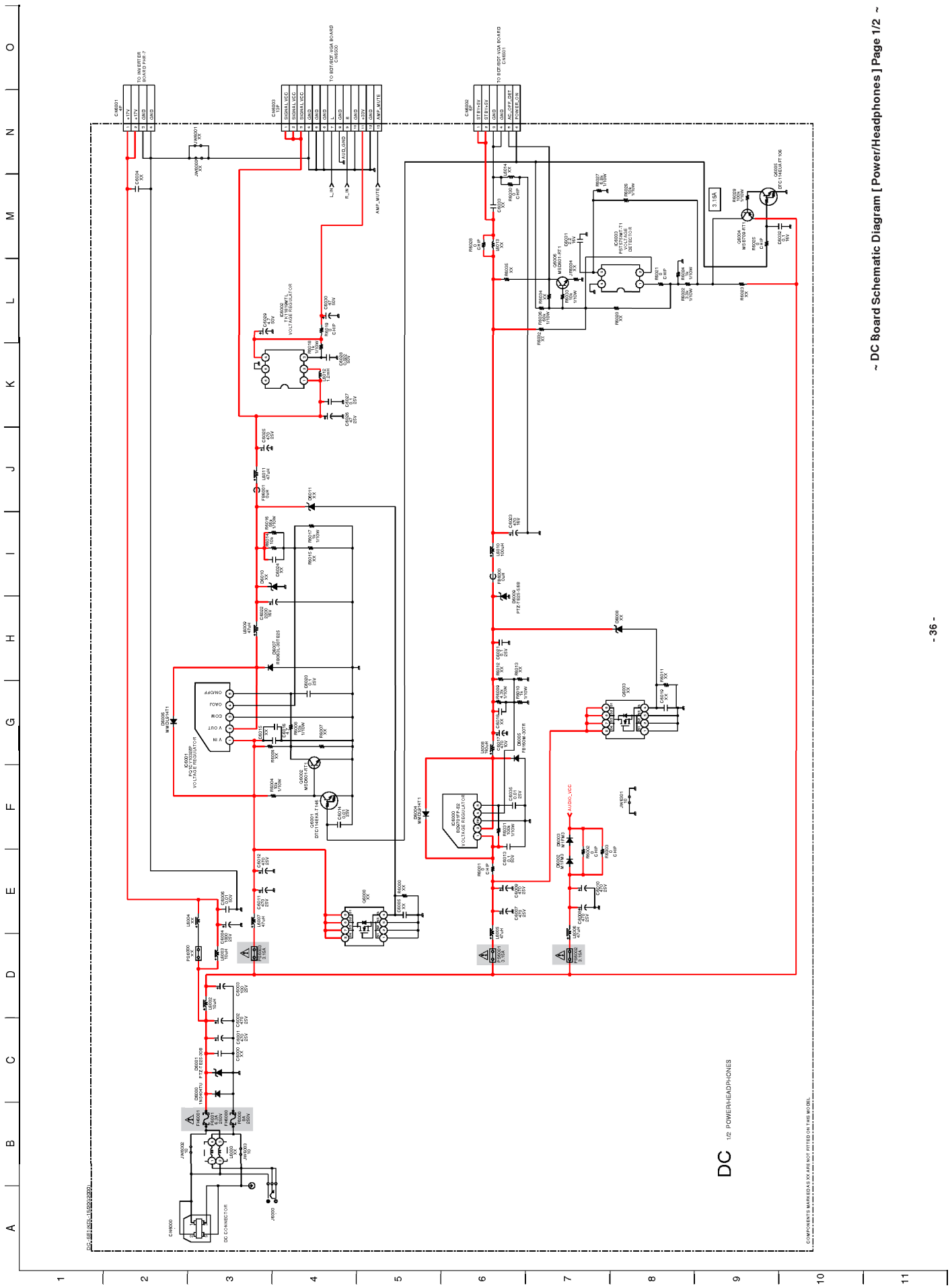
~ A2 Board Difference Tables ~

Ref.	KDL-15G2000	KDL-20G2000
C2053	1UF	NOT FITTED
C2054	1UF	NOT FITTED
C2057	0.001UF	NOT FITTED
C2058	0.001UF	NOT FITTED
C2065	NOT FITTED	0.022UF
C2066	NOT FITTED	0.001UF
C2067	NOT FITTED	0.022UF
C2068	NOT FITTED	0.001UF
C2069	NOT FITTED	1UF
C2070	NOT FITTED	1UF
C2071	NOT FITTED	47UF
C2072	NOT FITTED	47UF
C2086	NOT FITTED	0.1UF
C2087	NOT FITTED	10UF
CN2023	NOT FITTED	21PIN
D2041	UDZSTE-179.1B	NOT FITTED
D2042	UDZSTE-179.1B	NOT FITTED
D2045	NOT FITTED	UDZSTE-1713B
D2046	NOT FITTED	UDZSTE-179.1B
D2047	NOT FITTED	UDZSTE-179.1B
D2048	NOT FITTED	UDZSTE-179.1B
D2049	NOT FITTED	UDZSTE-175.6B
D2050	NOT FITTED	UDZSTE-179.1B
D2052	NOT FITTED	UDZSTE-1713B
D2061	NOT FITTED	UDZSTE-179.1B
D2062	NOT FITTED	UDZSTE-179.1B
D2063	NOT FITTED	UDZSTE-179.1B
D2064	NOT FITTED	UDZSTE-179.1B
D2068	NOT FITTED	UDZSTE-179.1B
J2023	JACK	NOT FITTED
Q2002	NOT FITTED	MSB709-RT1
Q2003	NOT FITTED	2SC1623-L5L6
R2001	100	NOT FITTED
R2002	NOT FITTED	100
R2010	100	NOT FITTED
R2012	NOT FITTED	100
R2044	NOT FITTED	0
R2045	NOT FITTED	0
R2046	NOT FITTED	0
R2047	NOT FITTED	0
R2057	NOT FITTED	0
R2058	NOT FITTED	0
R2059	NOT FITTED	0
R2060	NOT FITTED	0
R2076	470K	NOT FITTED
R2077	470K	NOT FITTED
R2080	0	NOT FITTED

Ref.	KDL-15G2000	KDL-20G2000
R2081	0	NOT FITTED
R2082	NOT FITTED	0
R2085	1K	NOT FITTED
R2086	1K	NOT FITTED
R2087	NOT FITTED	75
R2088	NOT FITTED	75
R2089	NOT FITTED	75
R2090	NOT FITTED	75
R2091	NOT FITTED	75
R2092	NOT FITTED	330
R2093	NOT FITTED	1K
R2094	NOT FITTED	330
R2095	NOT FITTED	1K
R2097	NOT FITTED	0
R2098	NOT FITTED	0
R2099	NOT FITTED	0
R2100	NOT FITTED	0
R2101	NOT FITTED	470
R2102	NOT FITTED	470
R2103	NOT FITTED	470
R2104	NOT FITTED	470
R2105	NOT FITTED	100
R2106	NOT FITTED	220
R2107	NOT FITTED	100
R2108	NOT FITTED	100
R2109	NOT FITTED	100
R2110	NOT FITTED	75
R2111	NOT FITTED	100
R2122	NOT FITTED	100
R2139	NOT FITTED	150
R2140	NOT FITTED	470
R2141	NOT FITTED	150
R2142	NOT FITTED	39K
R2143	NOT FITTED	10K

~ DC Board Difference Table ~

Ref.	KDL-15G2000	KDL-20G2000
CN6000	NOT FITTED	JACK, DC
J6000	UNIFIED POLARITY TYPE DC JACK	NOT FITTED



~ DC Board Schematic Diagram [Power/Headphones] Page 1/2 ~

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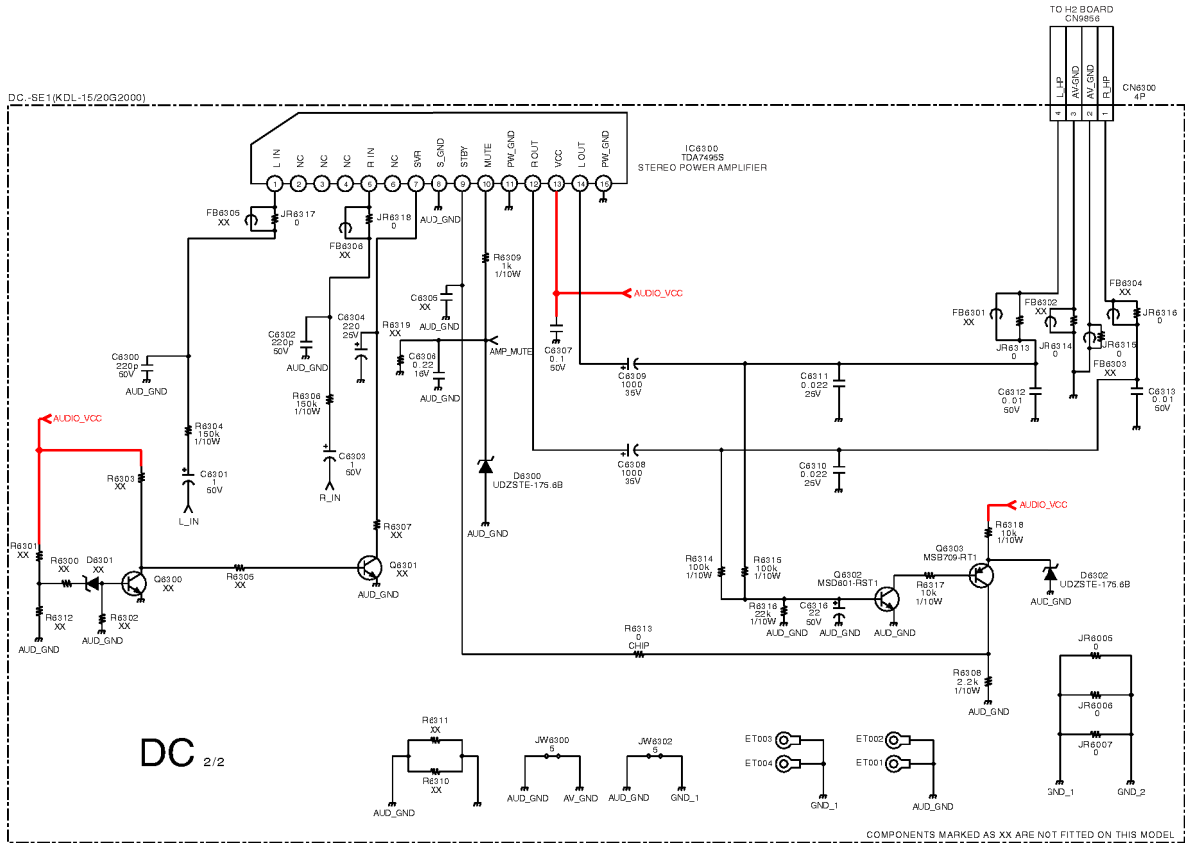

~ DC Board Schematic Diagram [Power/Headphones] Page 2/2 ~

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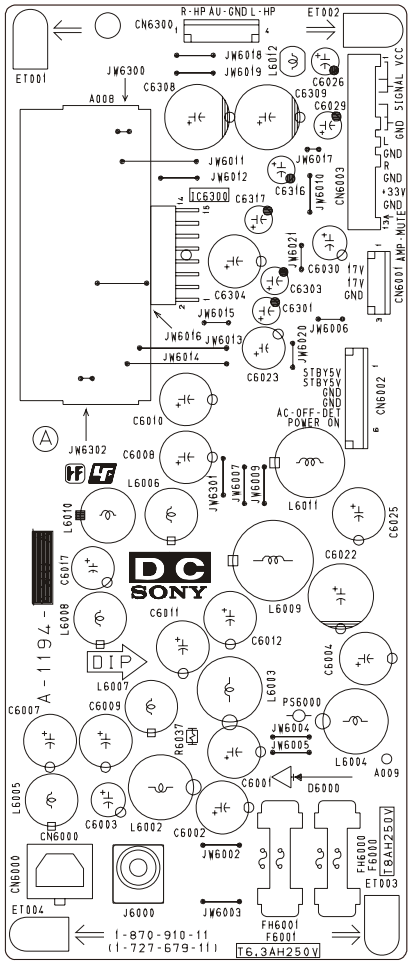
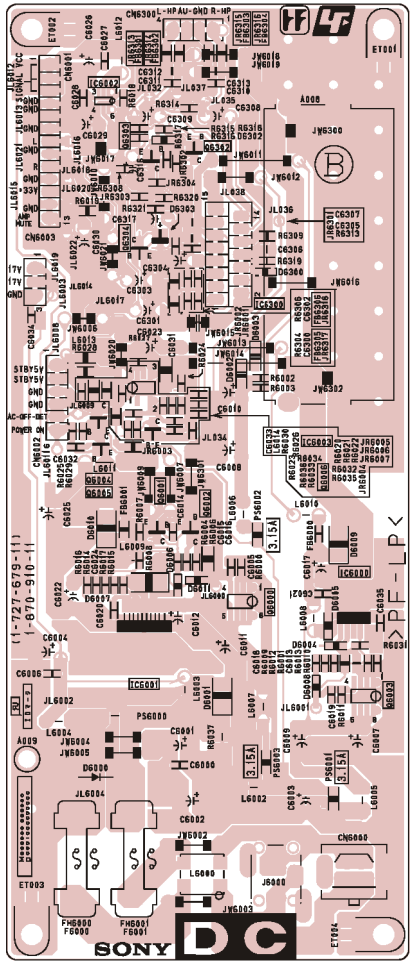
~ DC Printed Wiring Board Conductor Side A ~



~ DC Printed Wiring Board Conductor Side B ~

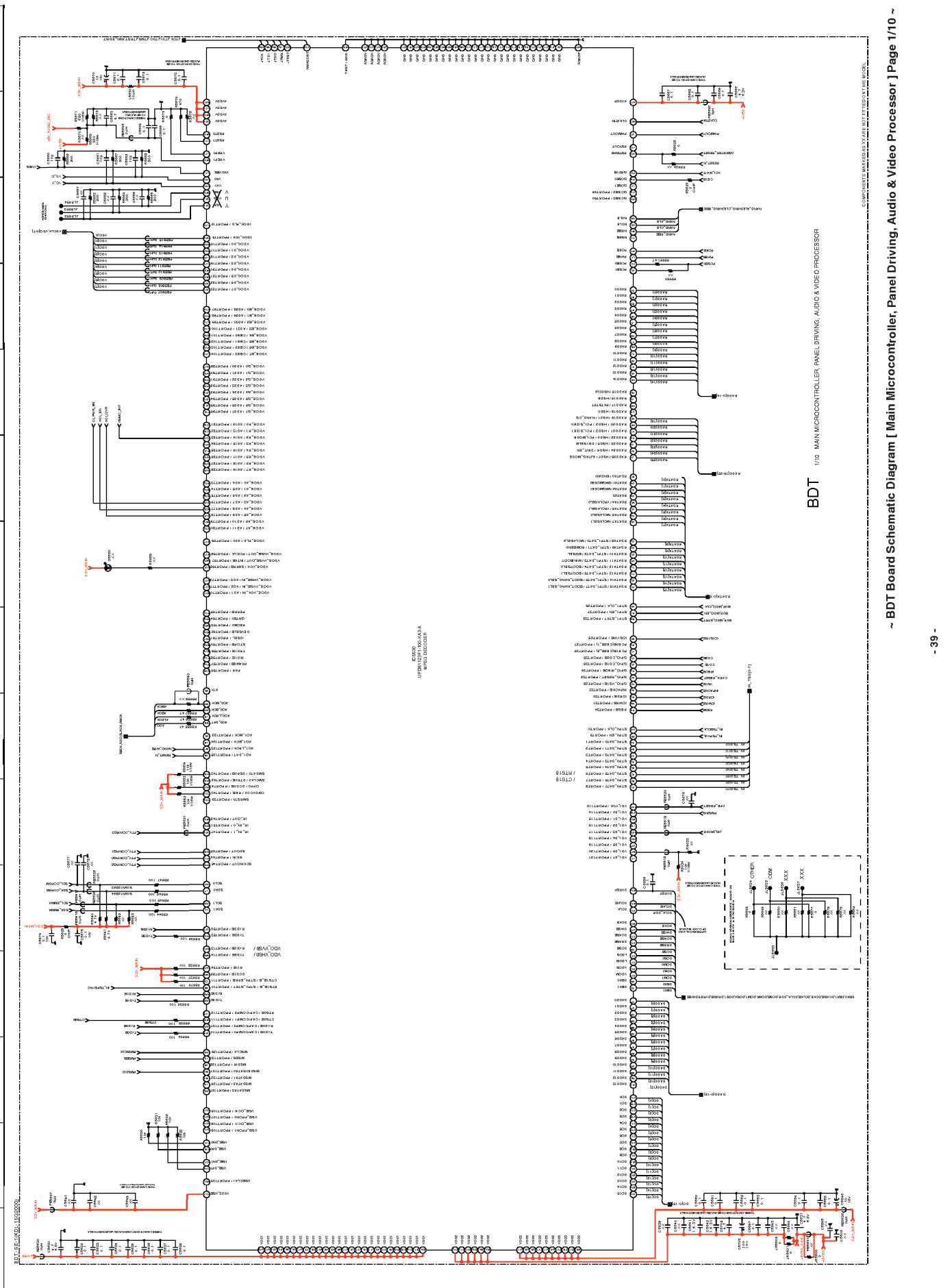


~ DC Board Semiconductor Location Table Side A ~

DIODE		IC	
D6000	E - 7	IC6300	D - 3

~ DC Board Semiconductor Location Table Side B ~

DIODE		D6006	K - 5	D6303	K - 3	TRANSISTOR	
D6000	J - 7	D6007	J - 5	IC		Q6001	K - 5
D6001	K - 7	D6009	L - 5	IC6000	L - 6	Q6002	K - 5
D6002	K - 4	D6010	J - 5	IC6001	K - 6	Q6004	J - 5
D6003	K - 3	D6011	K - 6	IC6002	J - 2	Q6005	J - 5
D6004	L - 6	D6300	L - 3	IC6003	L - 4	Q6302	K - 2
D6005	L - 6	D6302	K - 2	IC6300	L - 3	Q6303	J - 2


BDT
1/10 MAIN MICROCONTROLLER, PANEL DRIVING, AUDIO & VIDEO PROCESSOR
~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 1/10 ~
- 39 -

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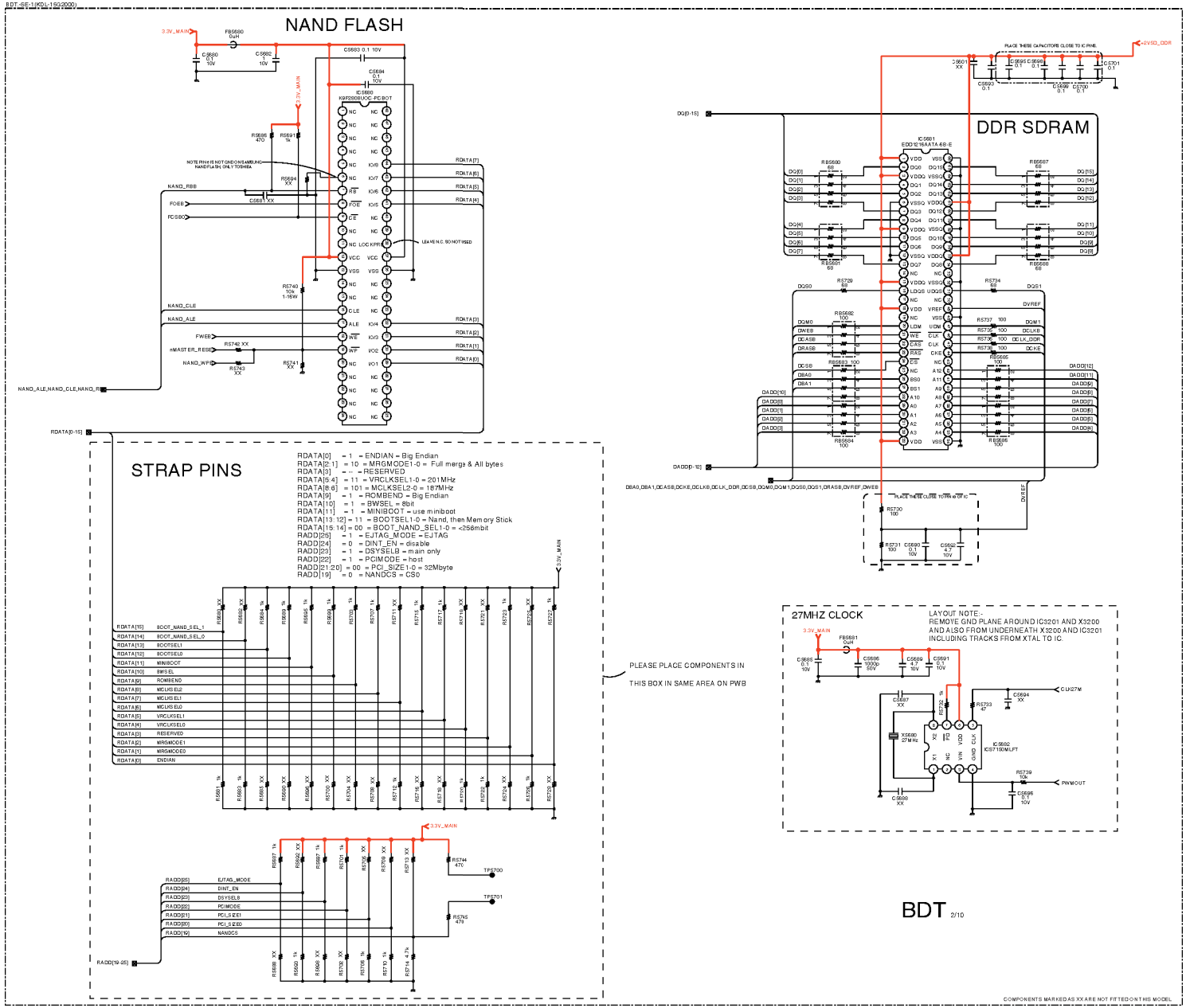

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 2/10 ~

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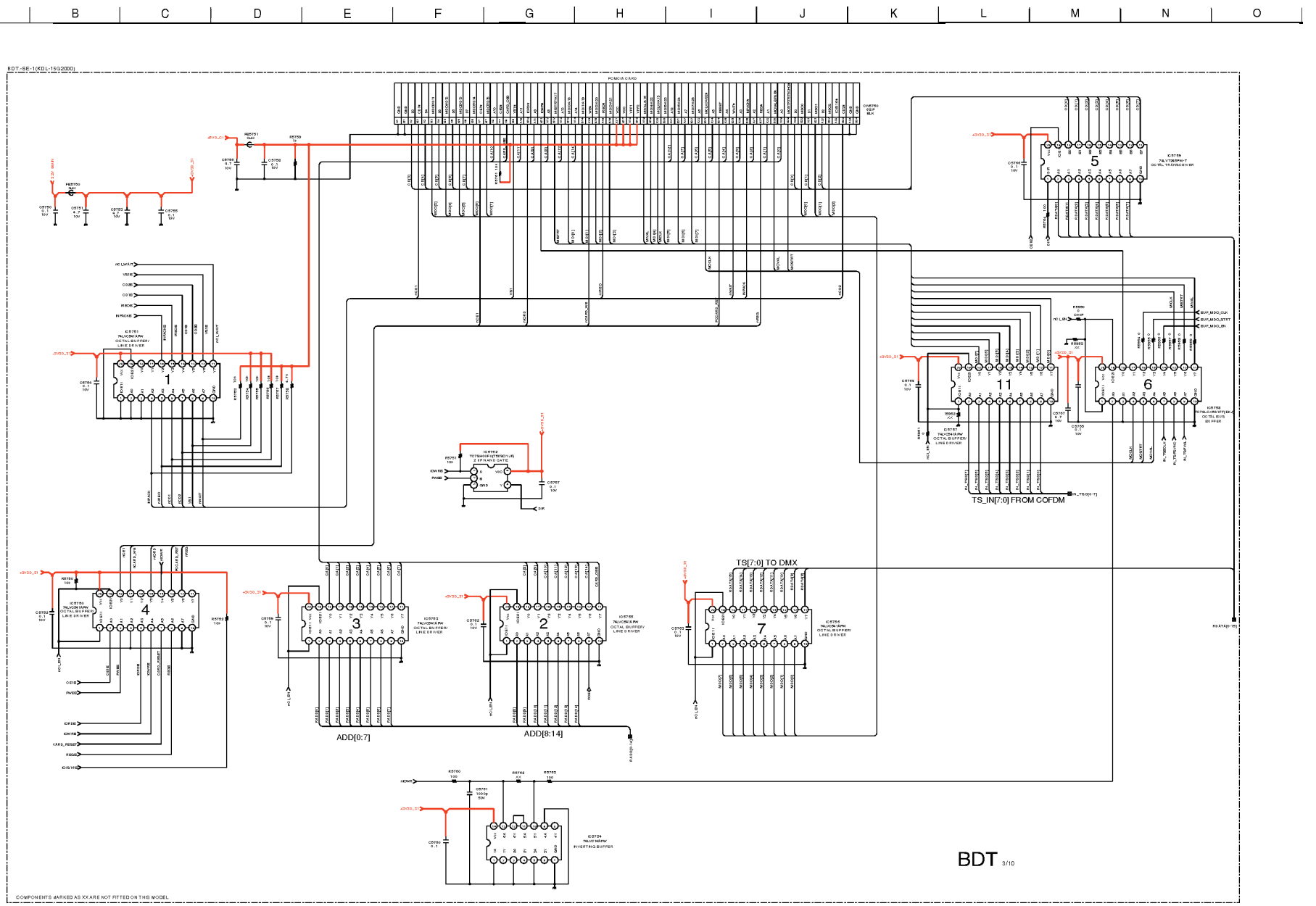

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 3/10 ~

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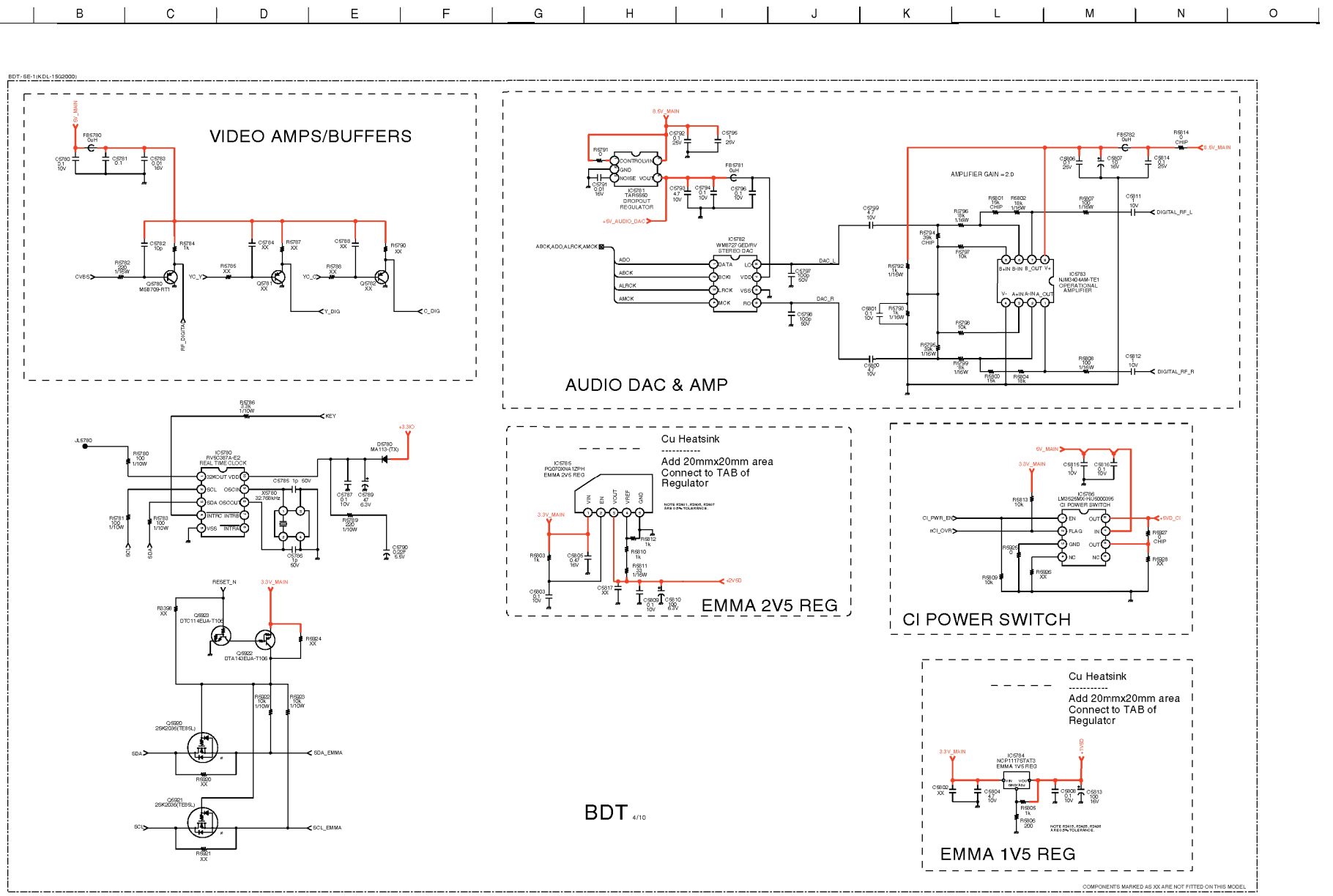

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 4/10 ~

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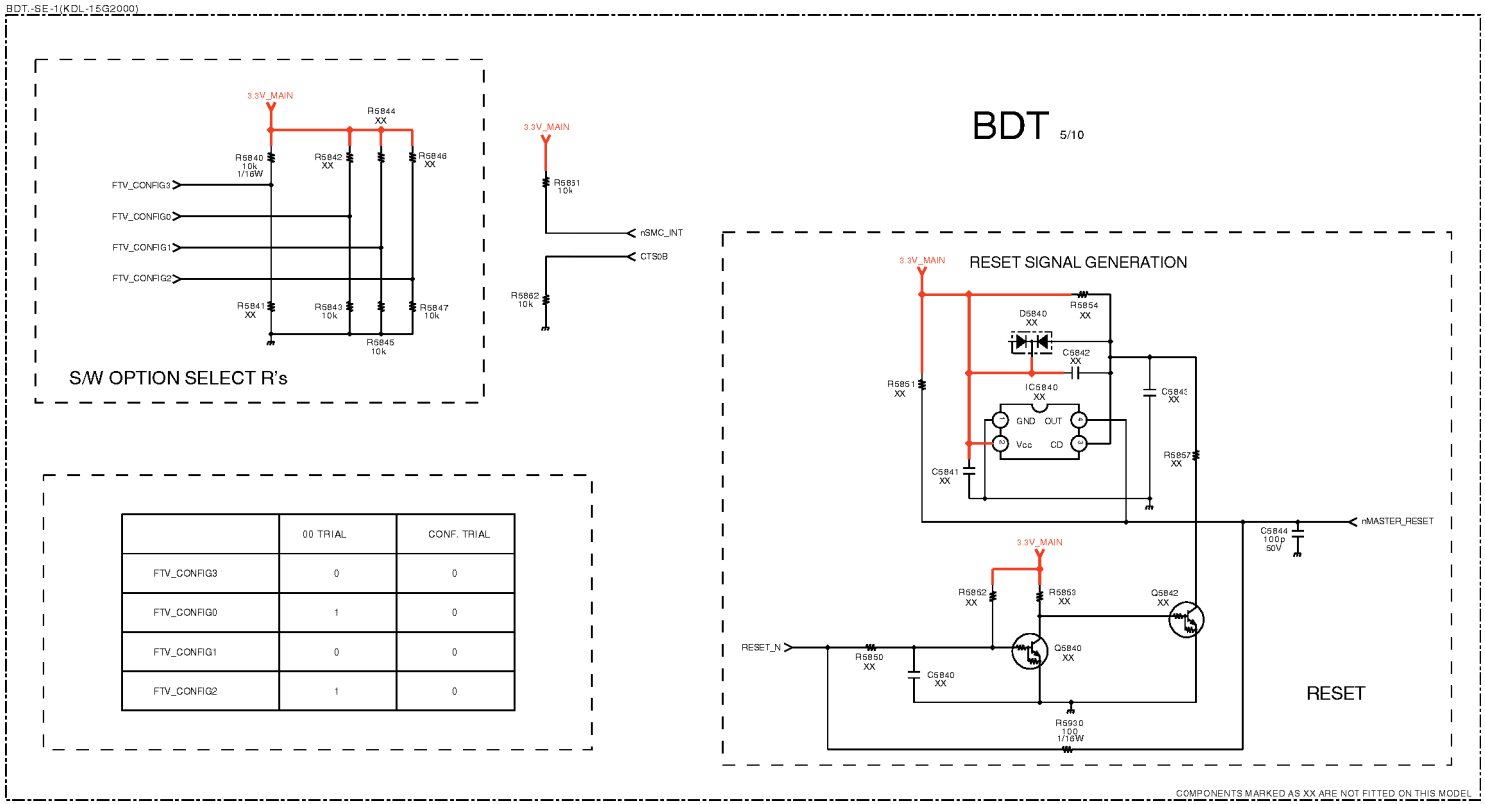

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 5/10 ~

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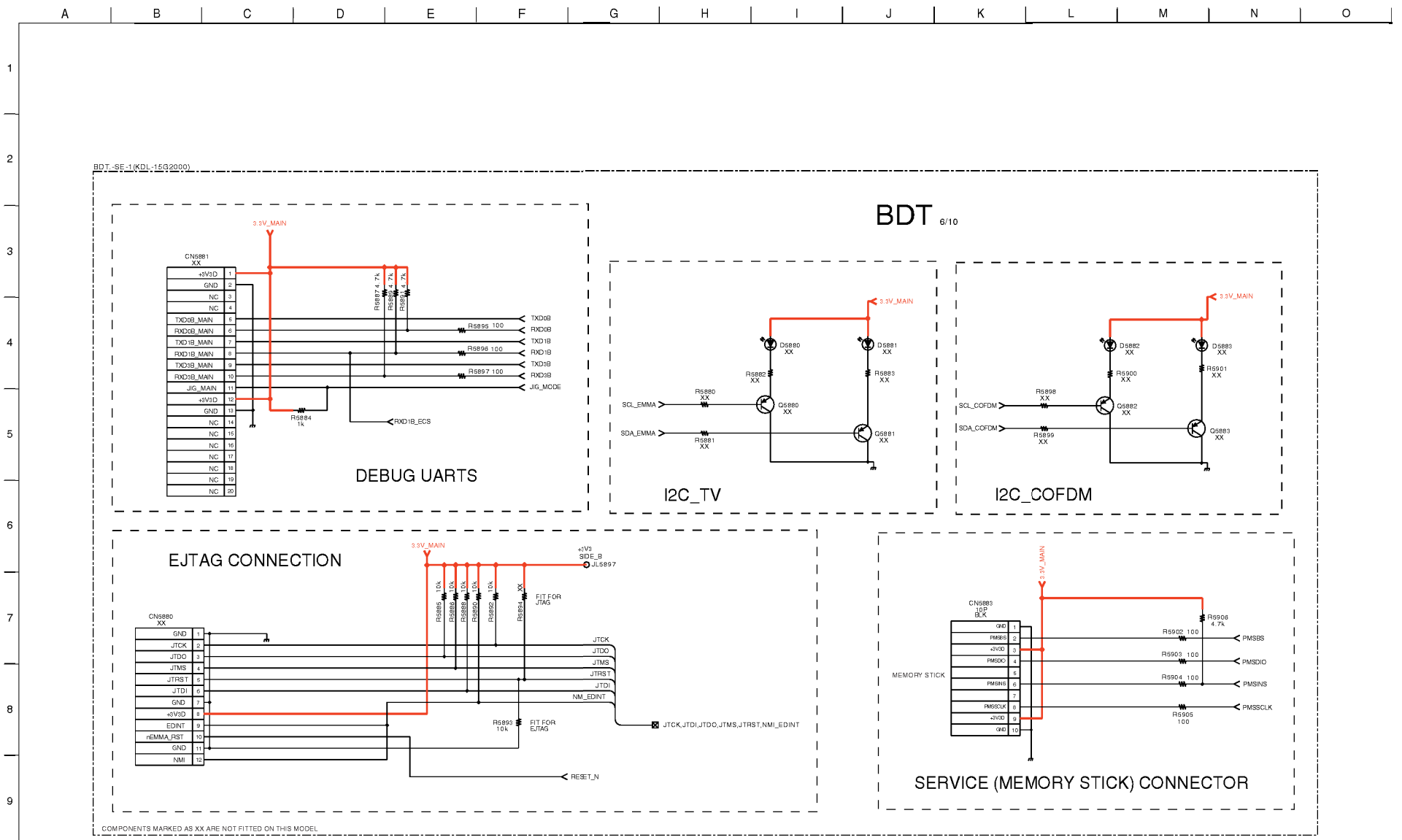

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 6/10 ~

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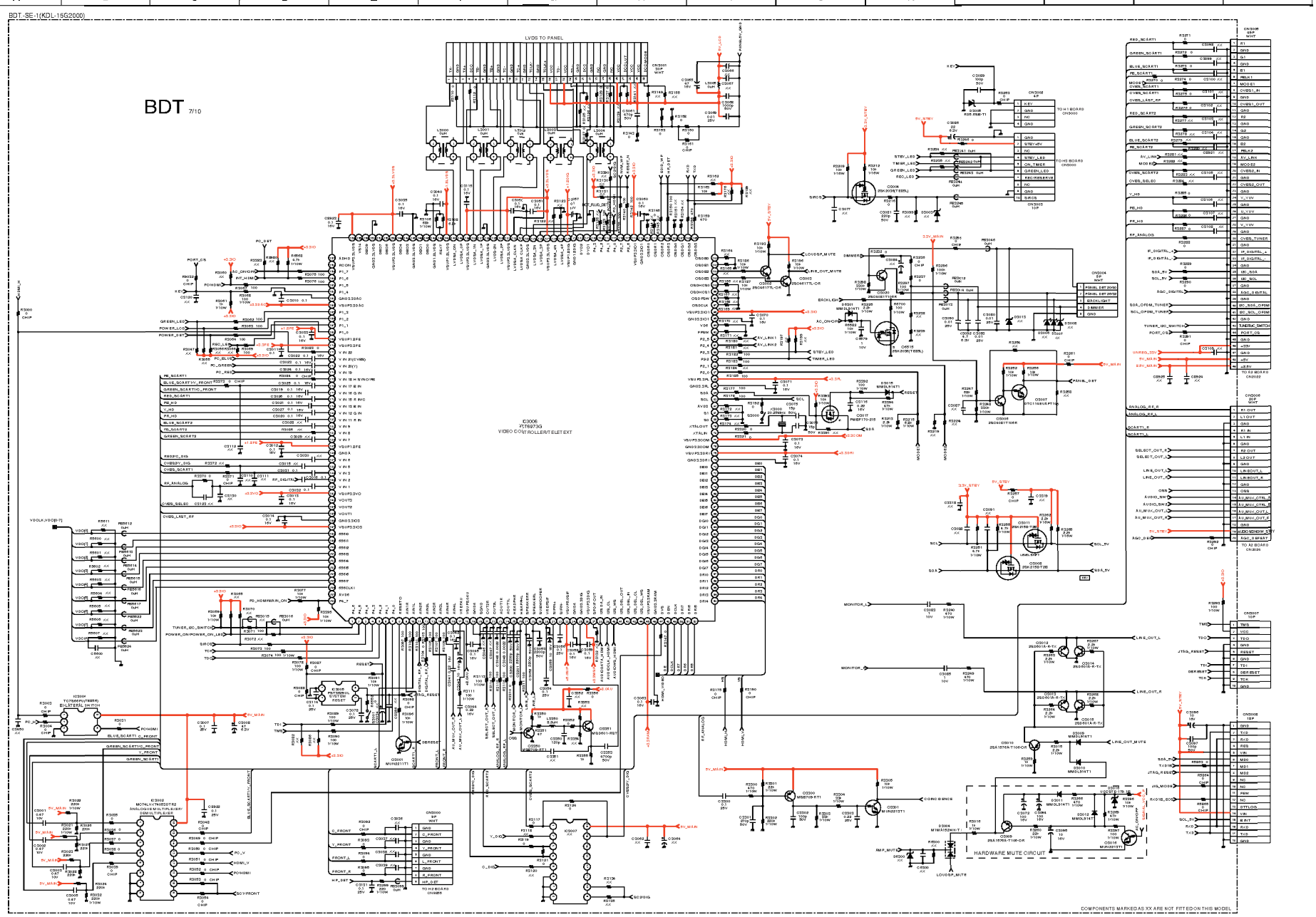

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 7/10 ~

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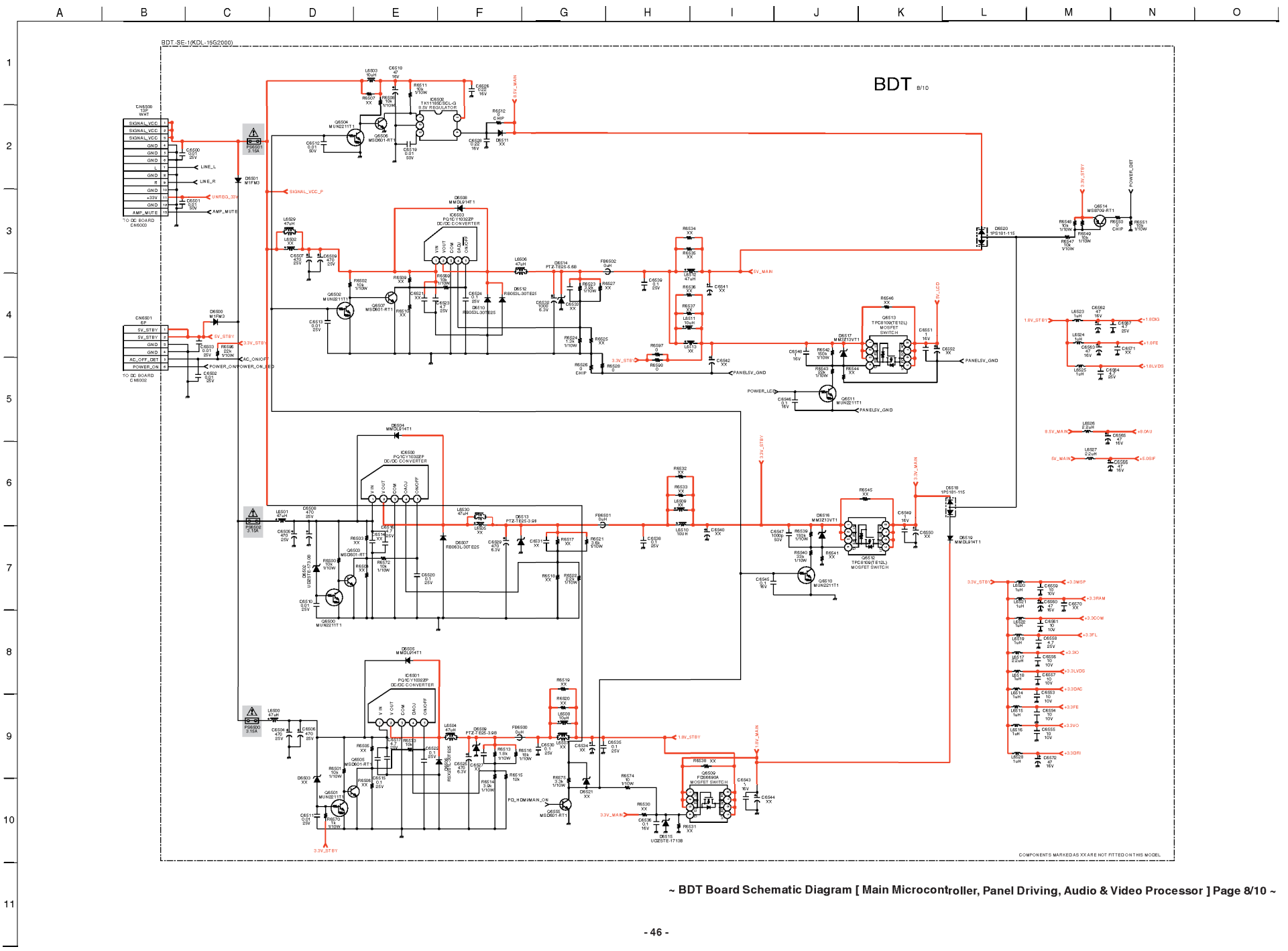

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 8/10 ~

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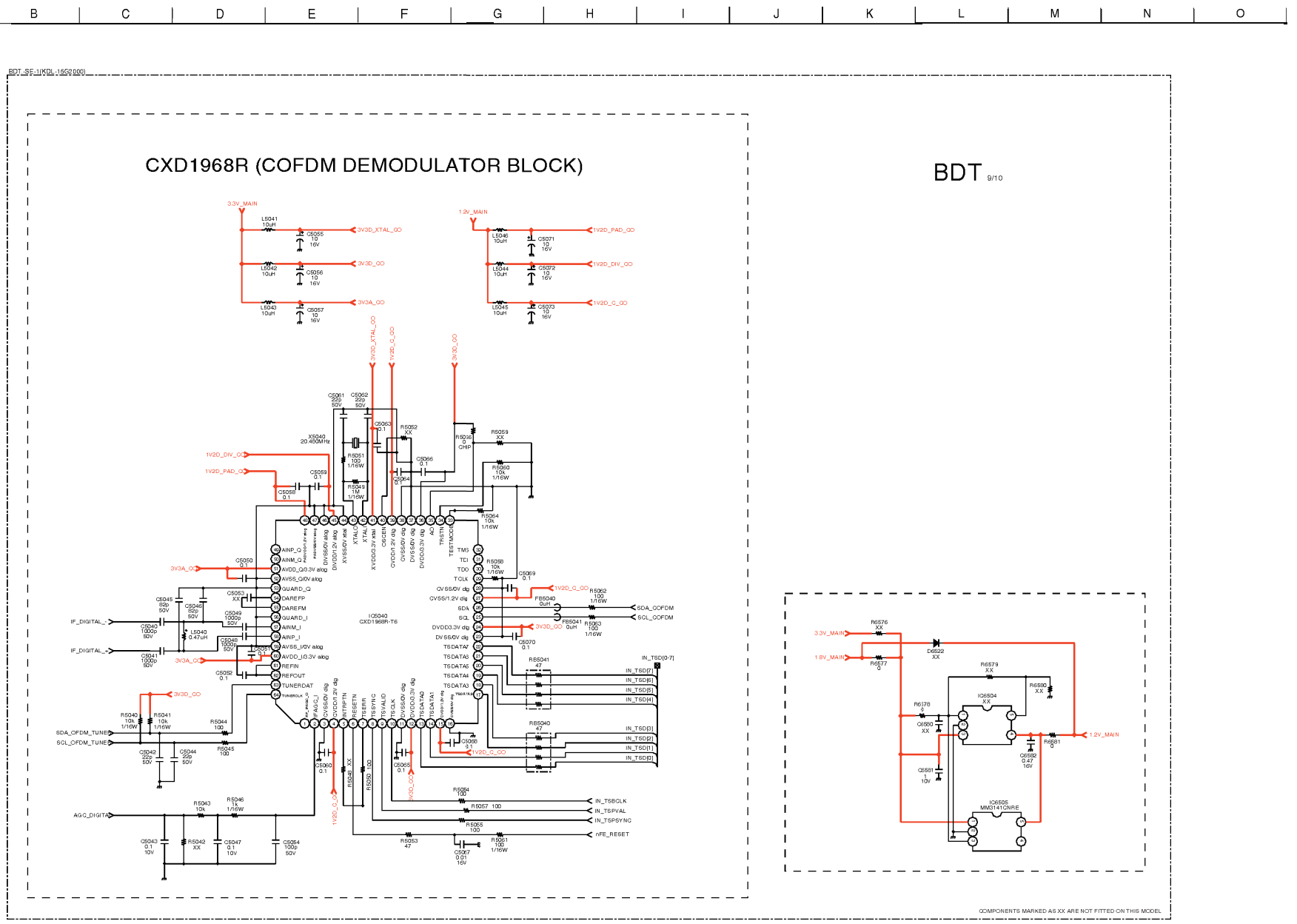

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 9/10 ~

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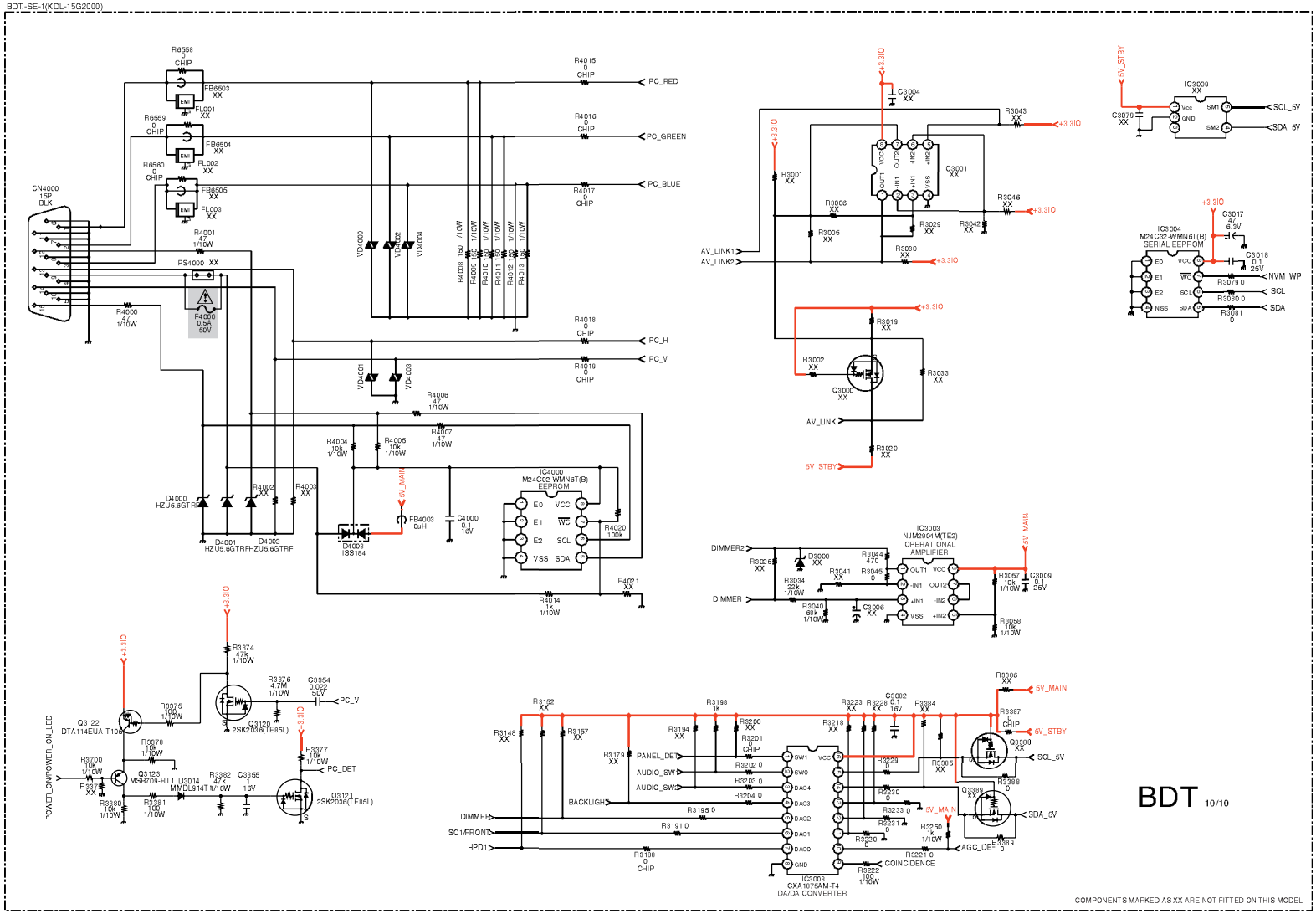

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 10/10 ~

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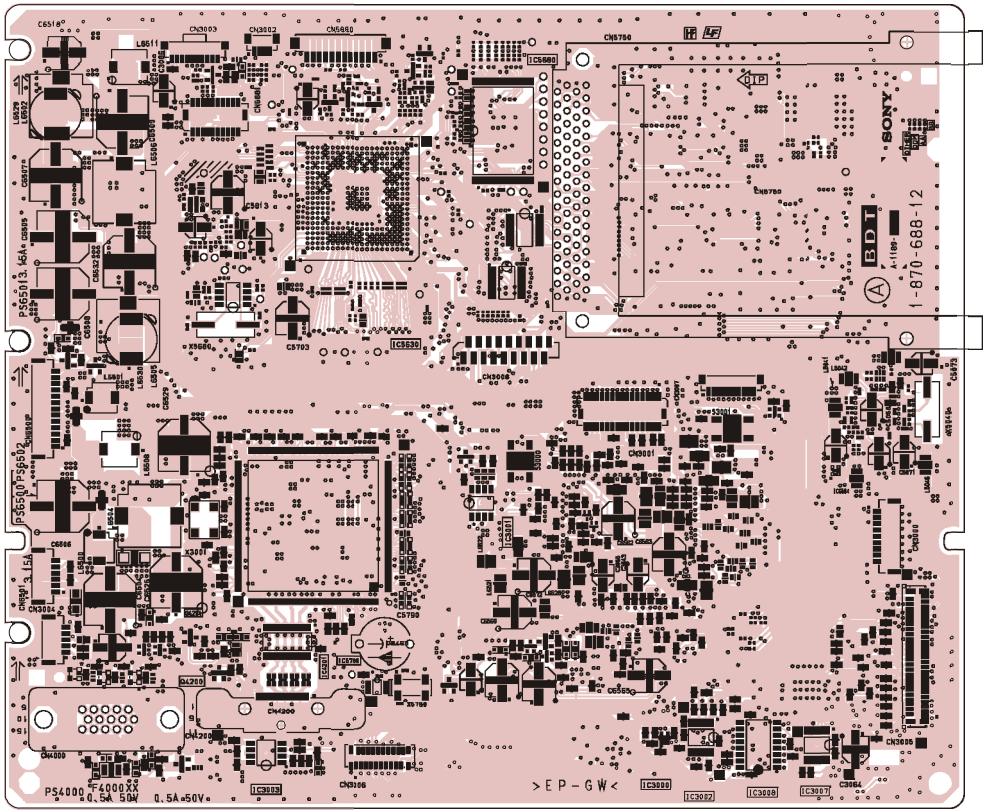
~ BDT Printed Wiring Board Conductor Side A ~



~ BDT Board IC Voltage Table ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC3002	1-5	2.4	IC3002	13	0.3	IC3008	1	0	IC3008	5	2.8	IC3008	10	2.8	IC3008	16	5.0	IC5682	4	0
	6-8	0		14	3.2		2	4.6		6-7	0.4		11-13	0	IC5682	1	1.4		5	1.7
	9-10	0.4		15	2.4		3	0.4		8	0		14	3.7		2	0		6-7	3.2
	12	3.2		16	4.9		4	4.6		9	4.9		15	3.8		3	1.6		8	1.4

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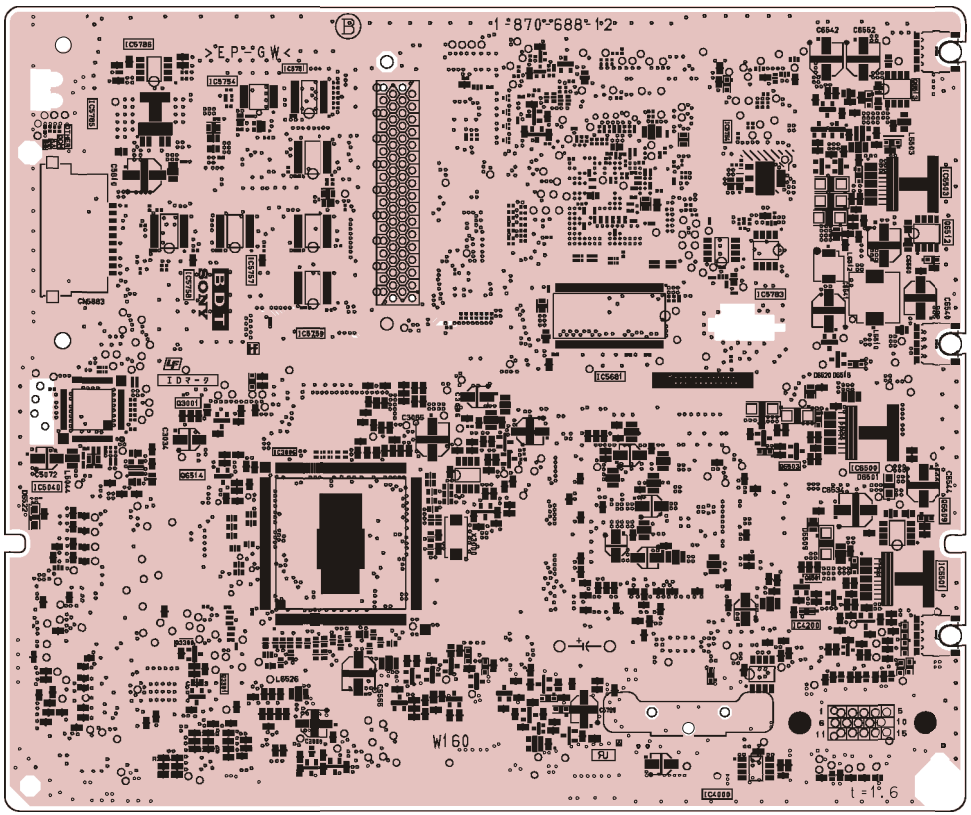
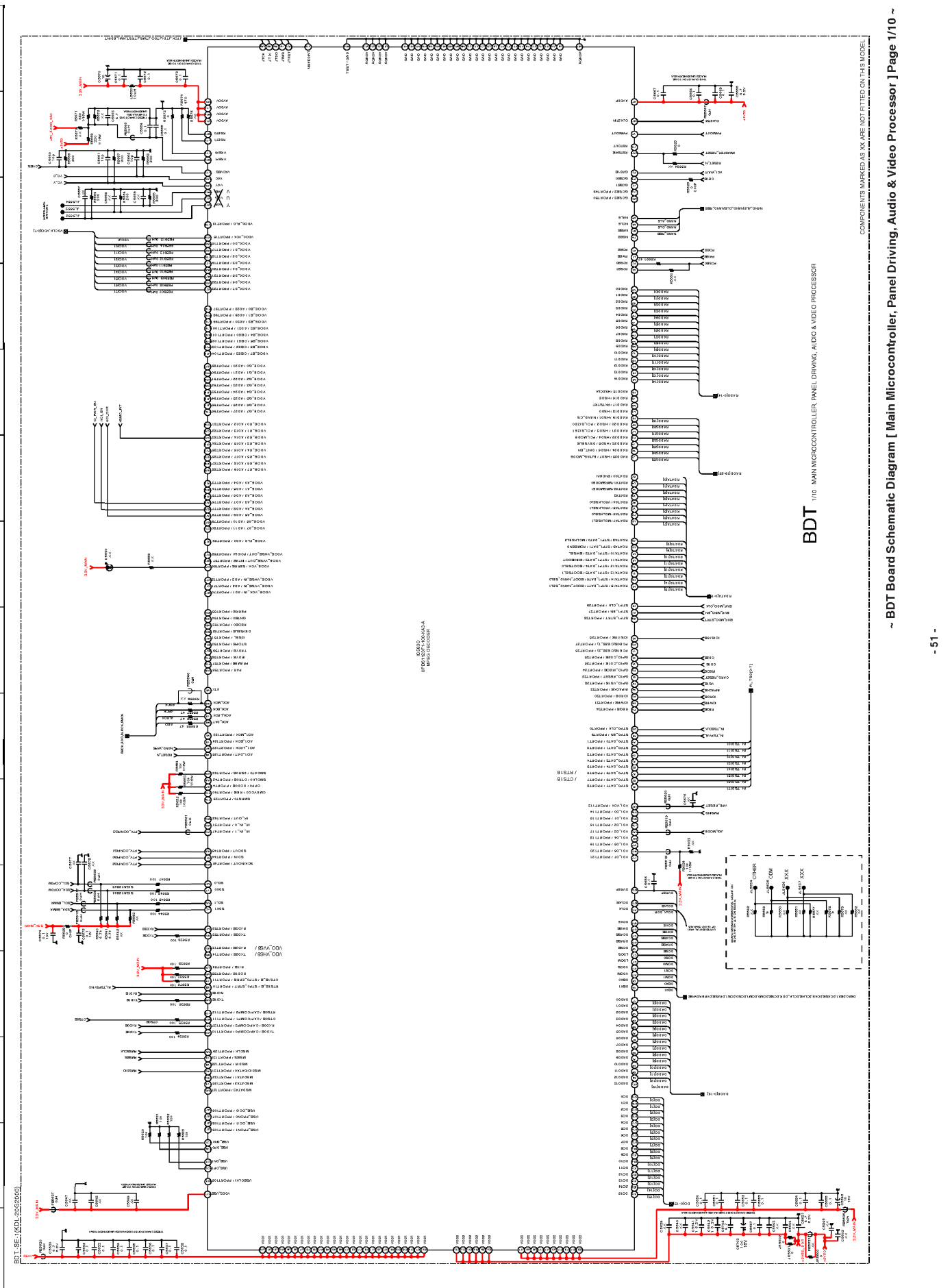
~ BDT Printed Wiring Board Conductor Side B ~




BDT 1/10 MAIN MICROCONTROLLER, PANEL DRIVING, AUDIO & VIDEO PROCESSOR
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL
~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 1/10 ~
- 51 -
BDT_SE-1(K1)_20052010

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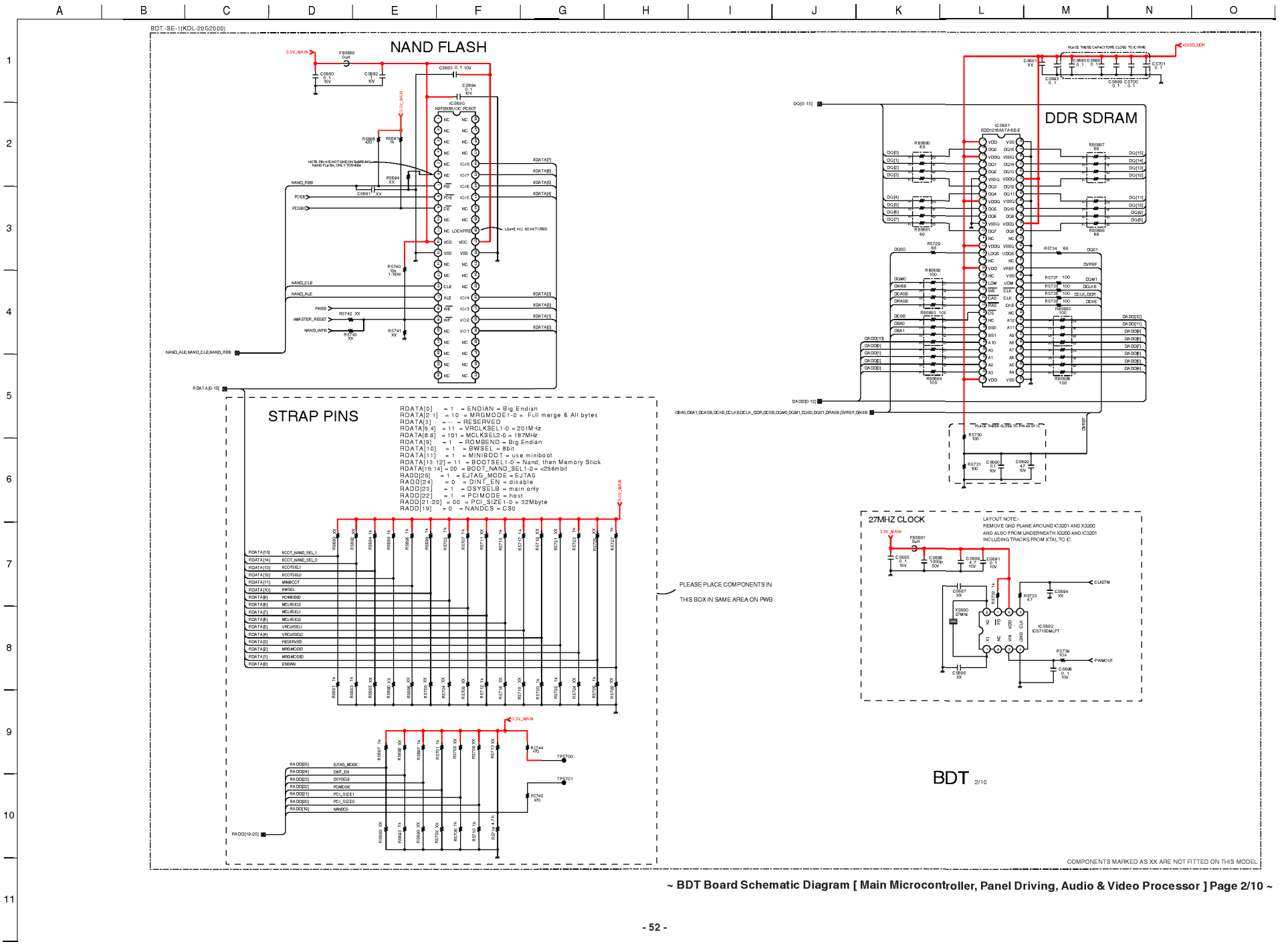
BDT-SE-1(KDL-20G2000)
NAND FLASH
DDR SDRAM
STRAP PINS
RDATA[0] = 1 = ENDIAN = Big Endian
RDATA[2:1] = 10 = MRGMODE1-0 = Full merge & All bytes
RDATA[3] = : : = RESERVED
RDATA[5:4] = 11 = VRCLKSEL1-0 = 201MHz
RDATA[8:6] = 101 = MCLKSEL2-0 = 187MHz
RDATA[9] = 1 = ROMBEND = Big Endian
RDATA[10] = 1 = BWSEL = 8bit
RDATA[11] = 1 = MINIBOOT = use miniboot
RDATA[13:12] = 11 = BOOTSEL1-0 = Nand, then Memory Stick
RDATA[15:14] = 00 = BOOT_NAND_SEL1-0 = <256mbit
RADD[25] = 1 = EJTAG_MODE = EJTAG
RADD[24] = 0 = DINT_EN = disable
RADD[23] = 1 = DSYSELB = main only
RADD[22] = 1 = PCIMODE = host
RADD[21:20] = 00 = PCI_SIZE1-0 = 32Mbyte
RADD[19] = 0 = NANDCS = CS0
PLEASE PLACE COMPONENTS IN
THIS BOX IN SAME AREA ON PWB
27MHZ CLOCK
LAYOUT NOTE:-
REMOVE GND PLANE AROUND IC3201 AND X3200
AND ALSO FROM UNDERNEATH X0200 AND IC3201
INCLUDING TRACKS FROM XTAL TO IC.
BDT 2/10
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 2/10 ~

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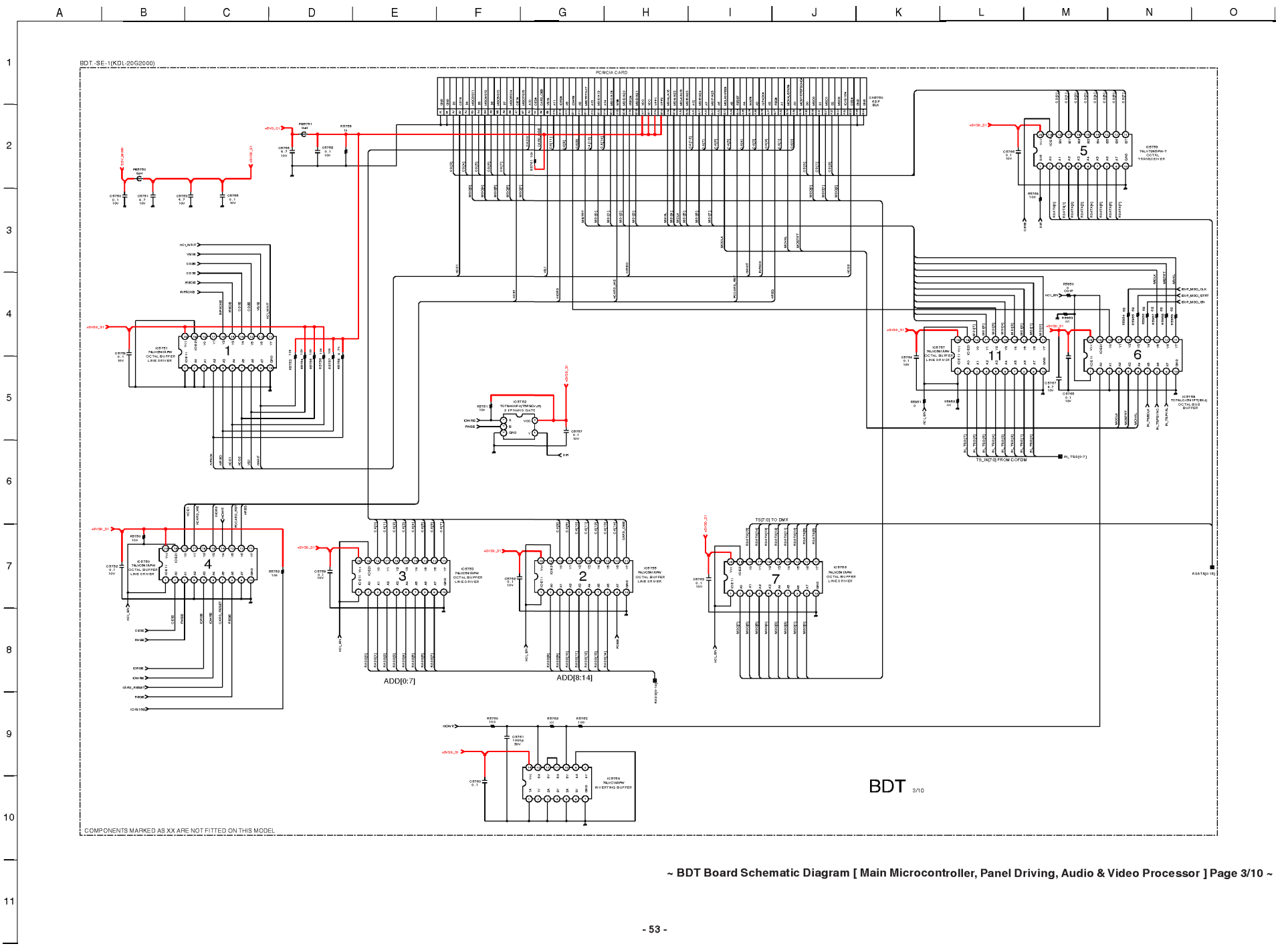

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 3/10 ~

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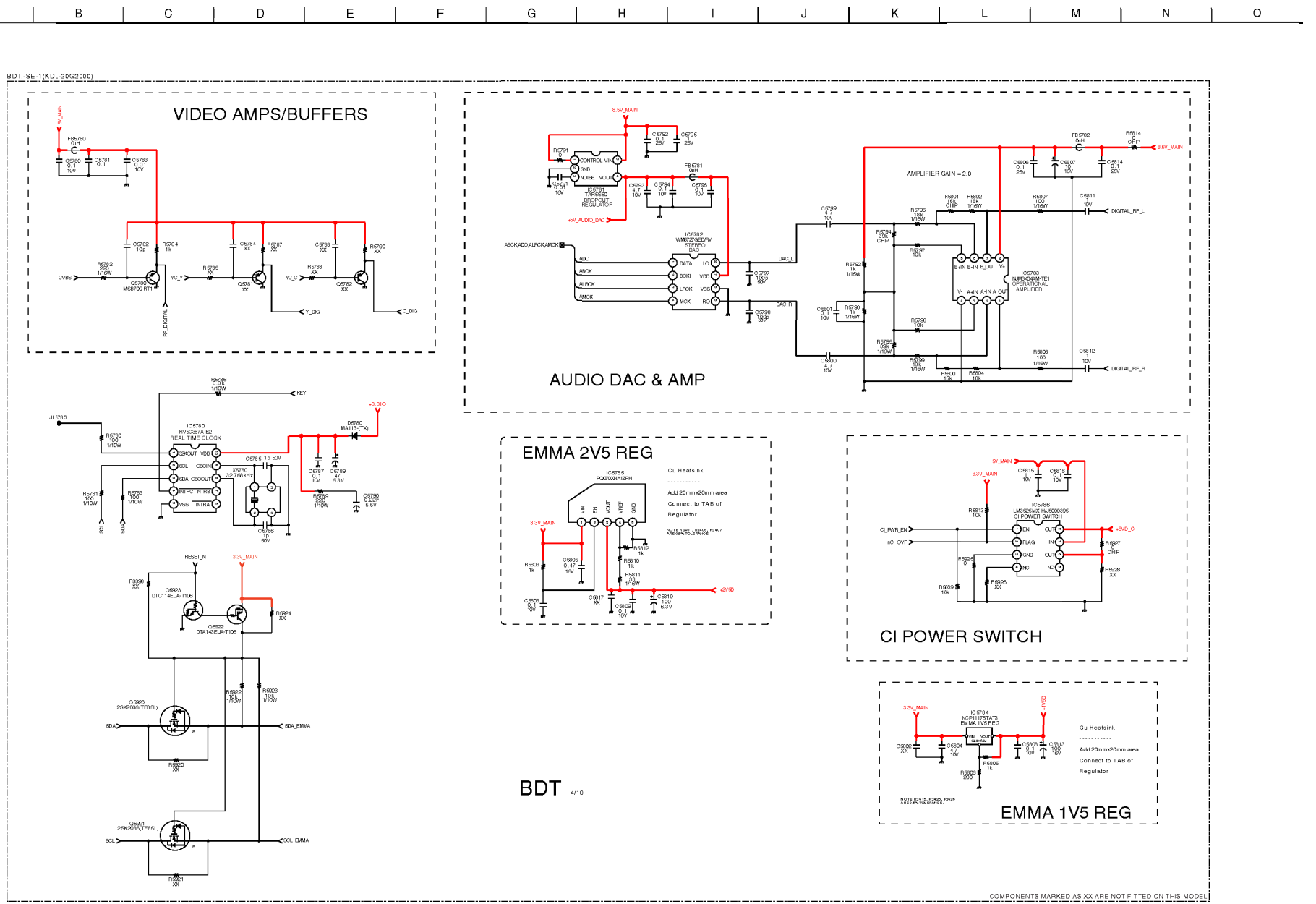

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 4/10 ~

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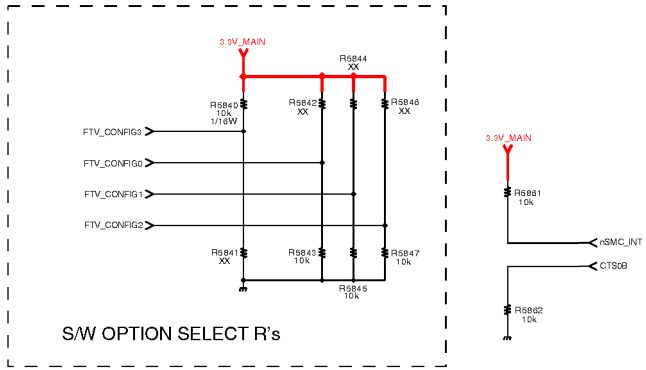
BDT.-SE-1(KDL-20Q2000)

BDT 5/10



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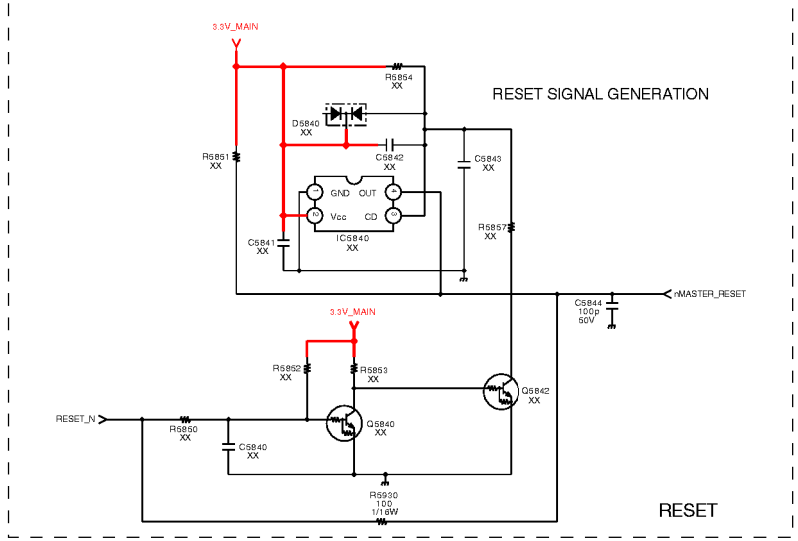
FTV_CONFIG0	1	0
FTV_CONFIG1	0	0
FTV_CONFIG2	1	0



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 5/10 ~

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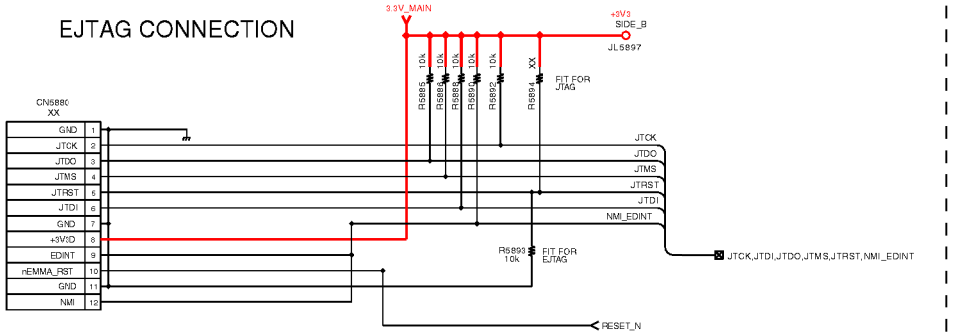
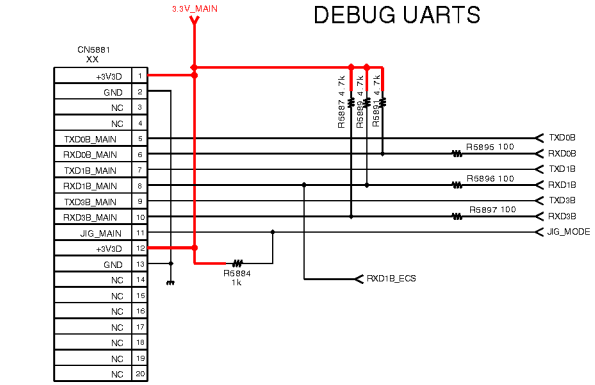
BDT-SE-1(KDL-20G2000)

BDT 6/10

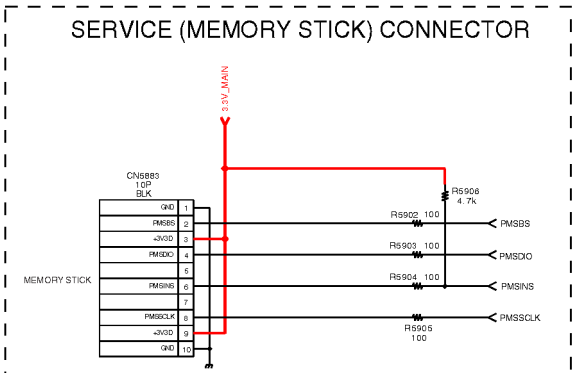
EJTAG CONNECTION



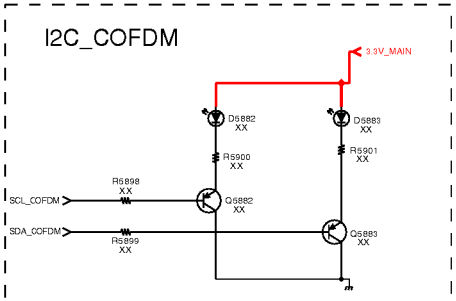
DEBUG UARTS



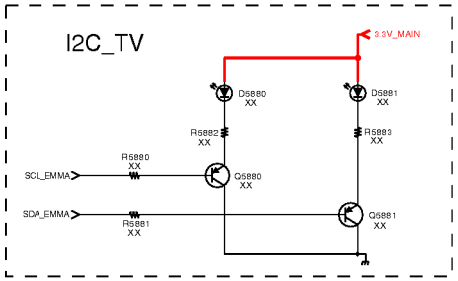
SERVICE (MEMORY STICK) CONNECTOR



I2C_COFDM



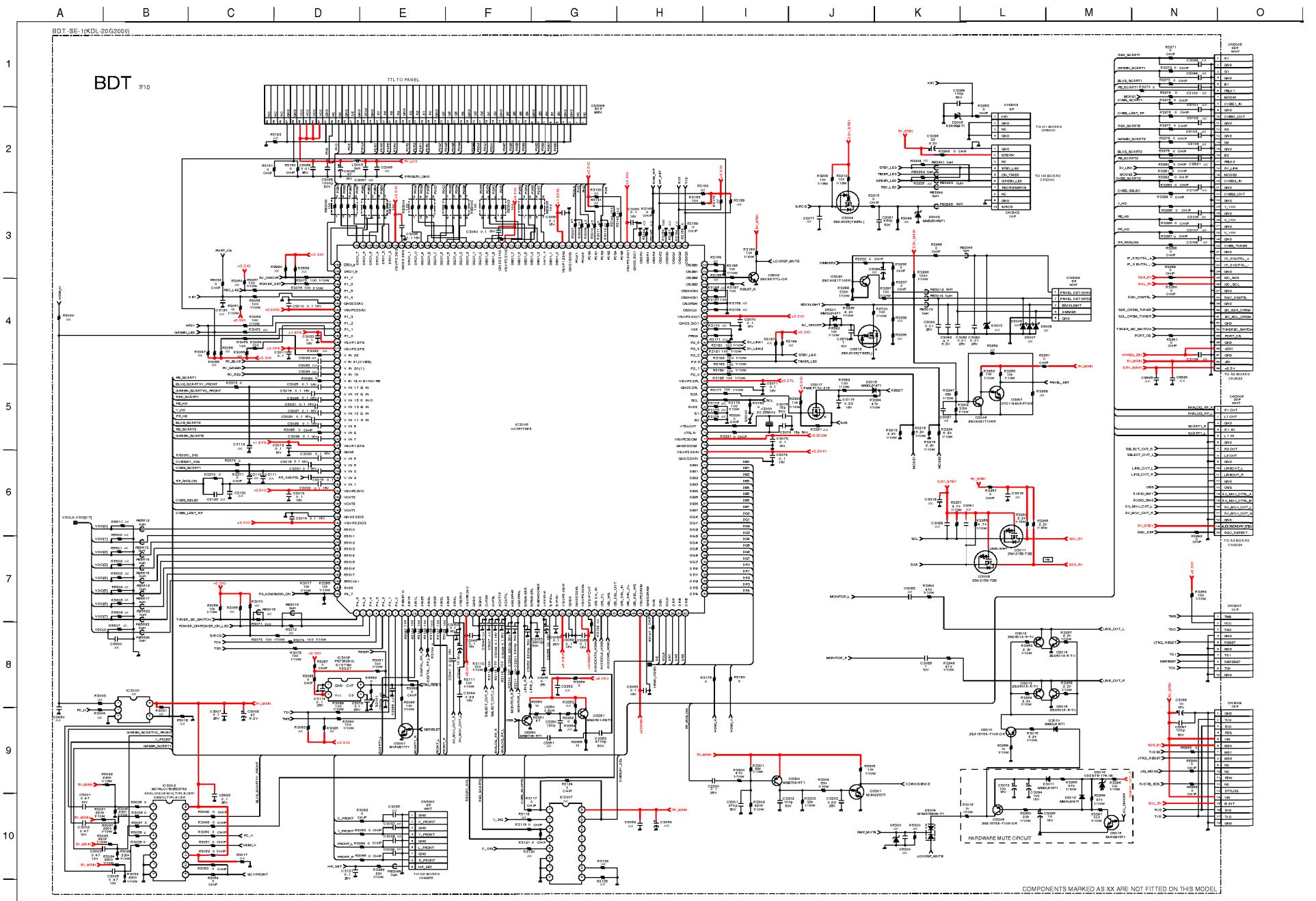
I2C_TV



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

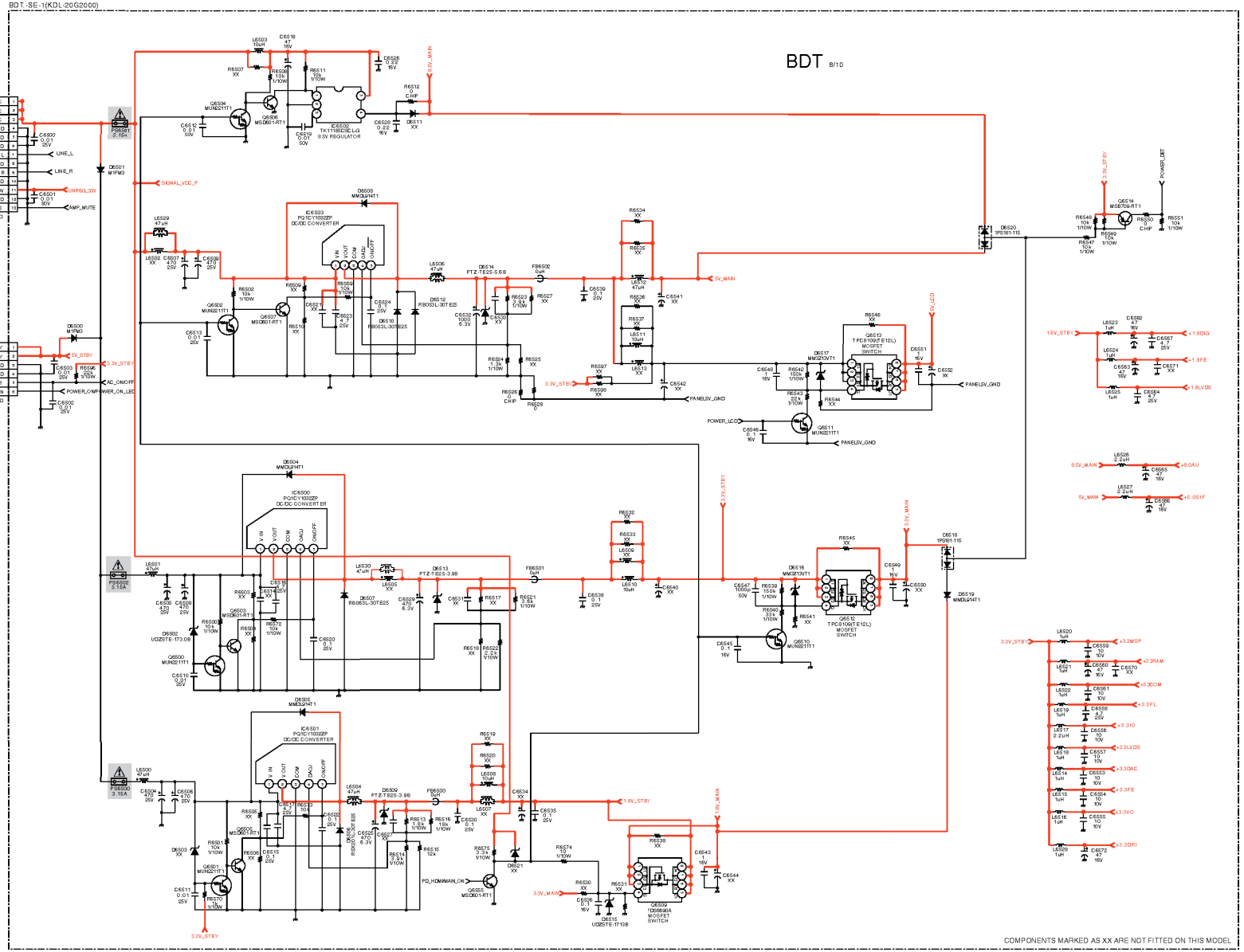
~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 6/10 ~

PDF created with pdfFactory Pro trial version www.pdffactory.com



~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 7/10 ~

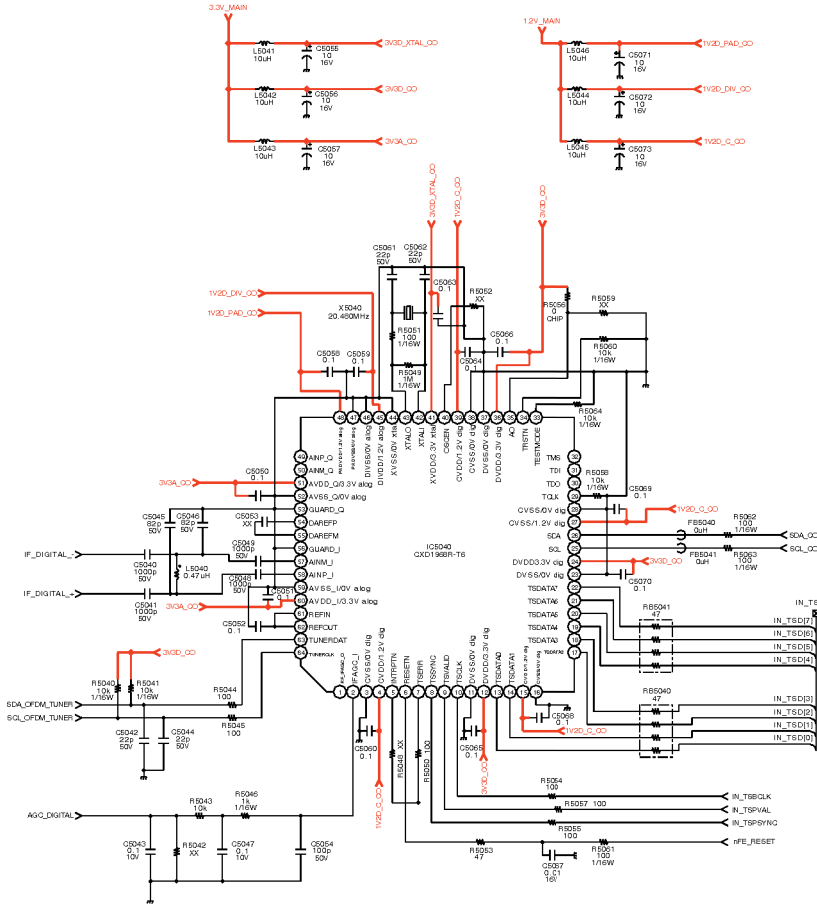
PDF created with pdfFactory Pro trial version www.pdffactory.com



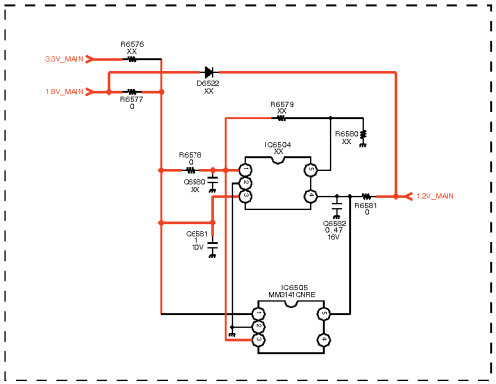
~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 8/10 ~

PDF created with pdfFactory Pro trial version www.pdffactory.com

CXD1968R (COFDM DEMODULATOR BLOCK)



BDT 9/10



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 9/10 ~

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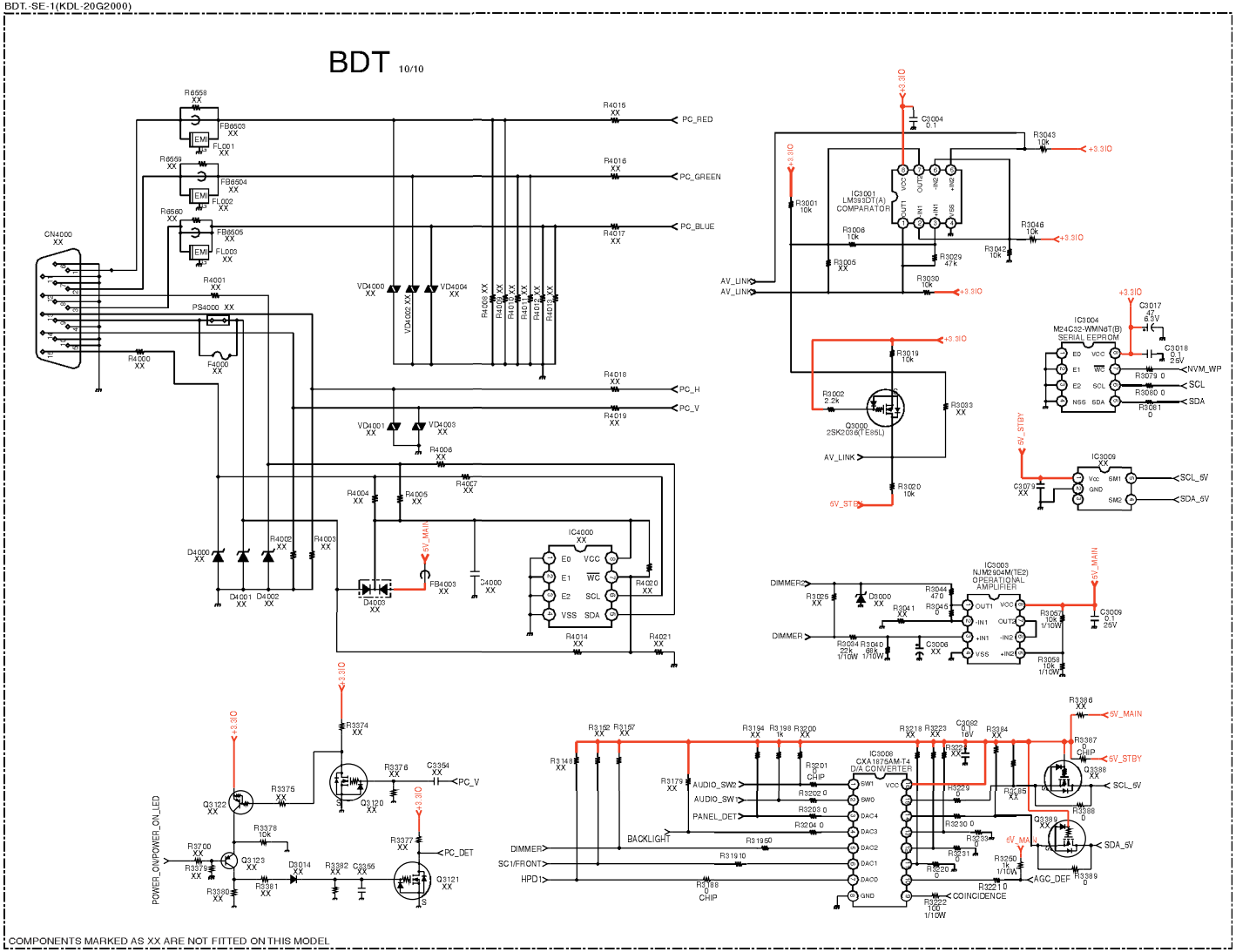
BDT-SE-1(KDL-20G2000)



~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 10/10 ~

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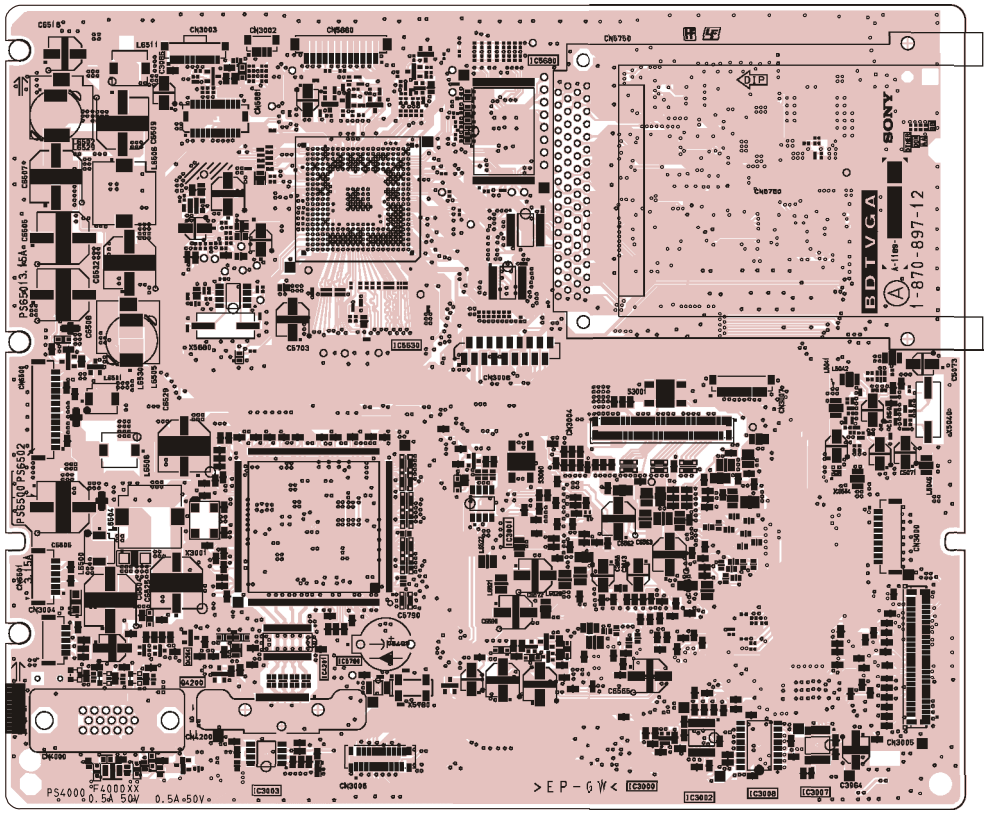
~ BDT Printed Wiring Board Conductor Side A ~



~ BDT Board IC Voltage Table ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC3001	1	3.3	IC3001	5	3.3	IC3002	6-8	0	IC3002	13	0.3	IC3008	1	0	IC3008	5	2.8	IC3008	10	2.8	IC3008	16	5.0	IC5682	4	0
	2	1.6		6	1.6		9-10	0.4		14	3.2		2	4.6		6-7	0.4		11-13	0	IC5682	1	1.4		5	1.7
	3	3.2		7-8	3.3		11	0		15	2.4		3	0.4		8	0		14	3.7		2	0		6-7	3.2
	4	0	IC3002	1-5	2.4		12	3.2		16	4.9		4	4.6		9	4.9		15	3.8		3	1.6		8	1.4

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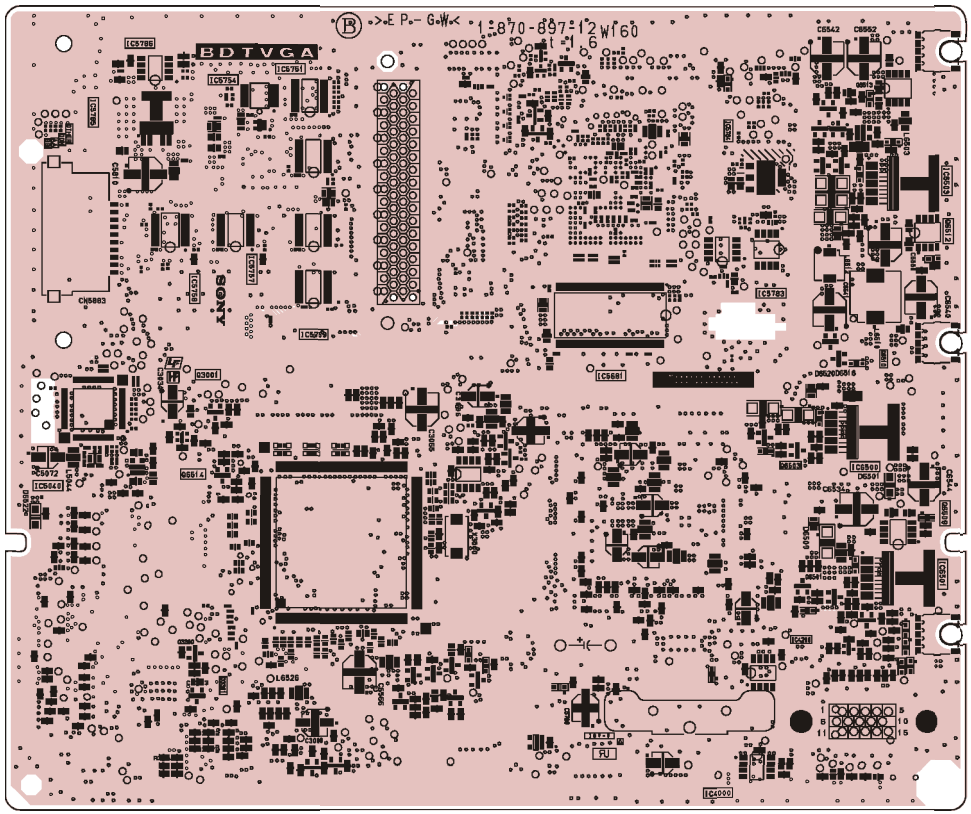
~ BDT Printed Wiring Board Conductor Side B ~



4-4. SEMICONDUCTORS

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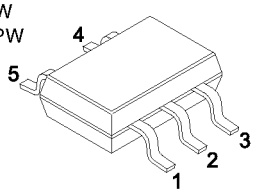
74LVC541APW



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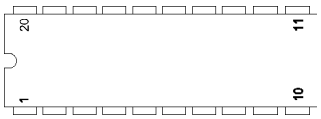

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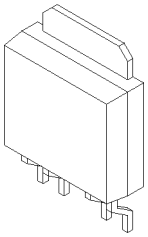

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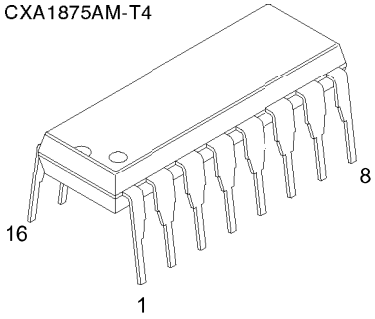

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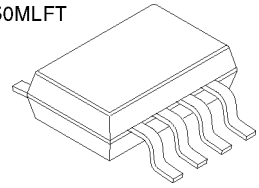

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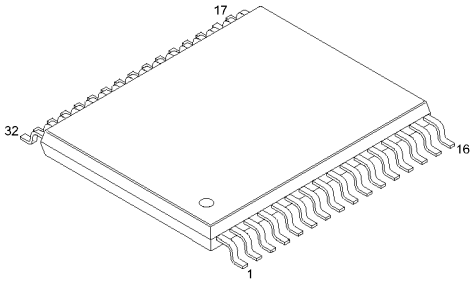

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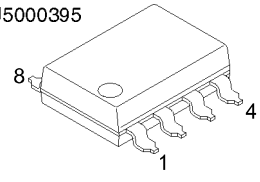

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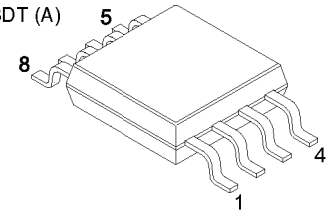

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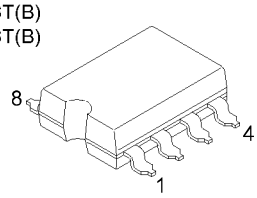
M24C32-WMN6T(B)



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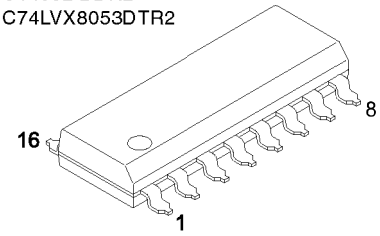

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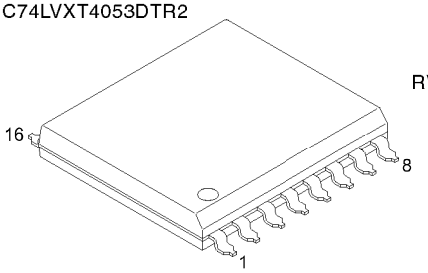

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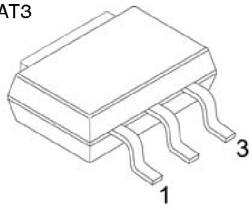

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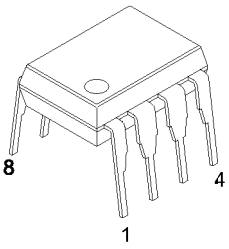

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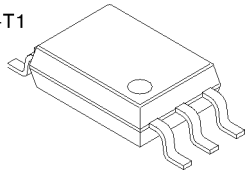

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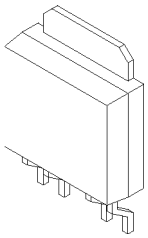

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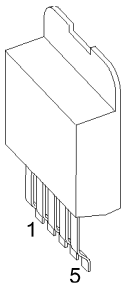

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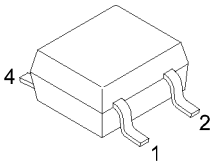

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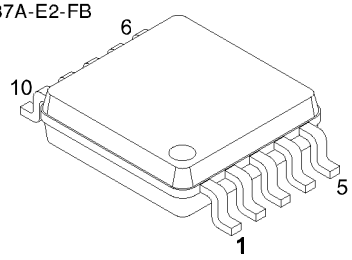

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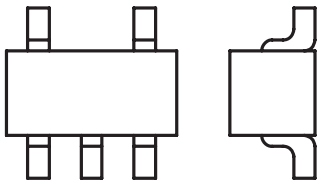

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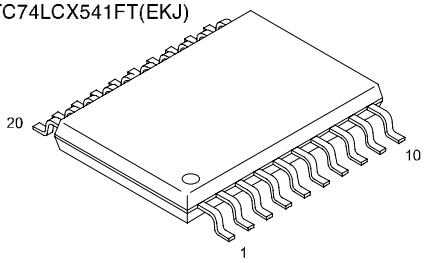

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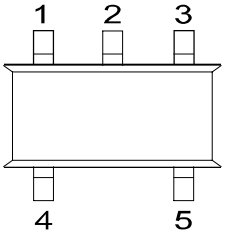

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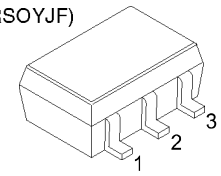

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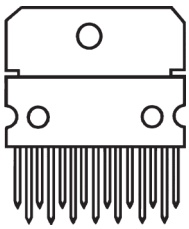

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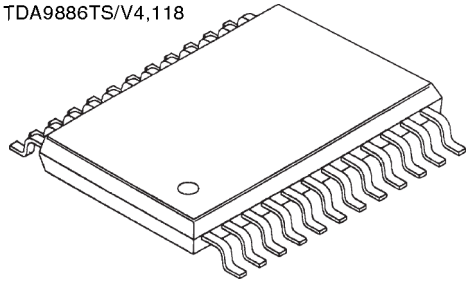

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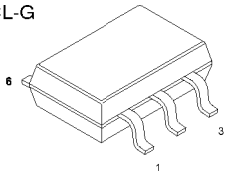

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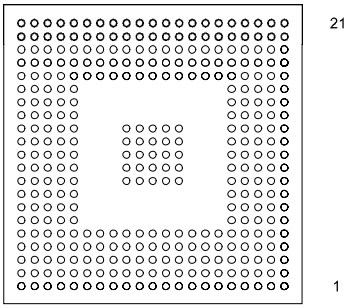

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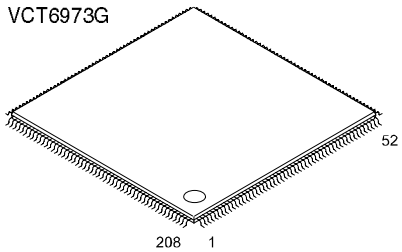

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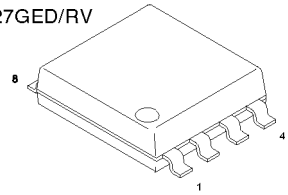

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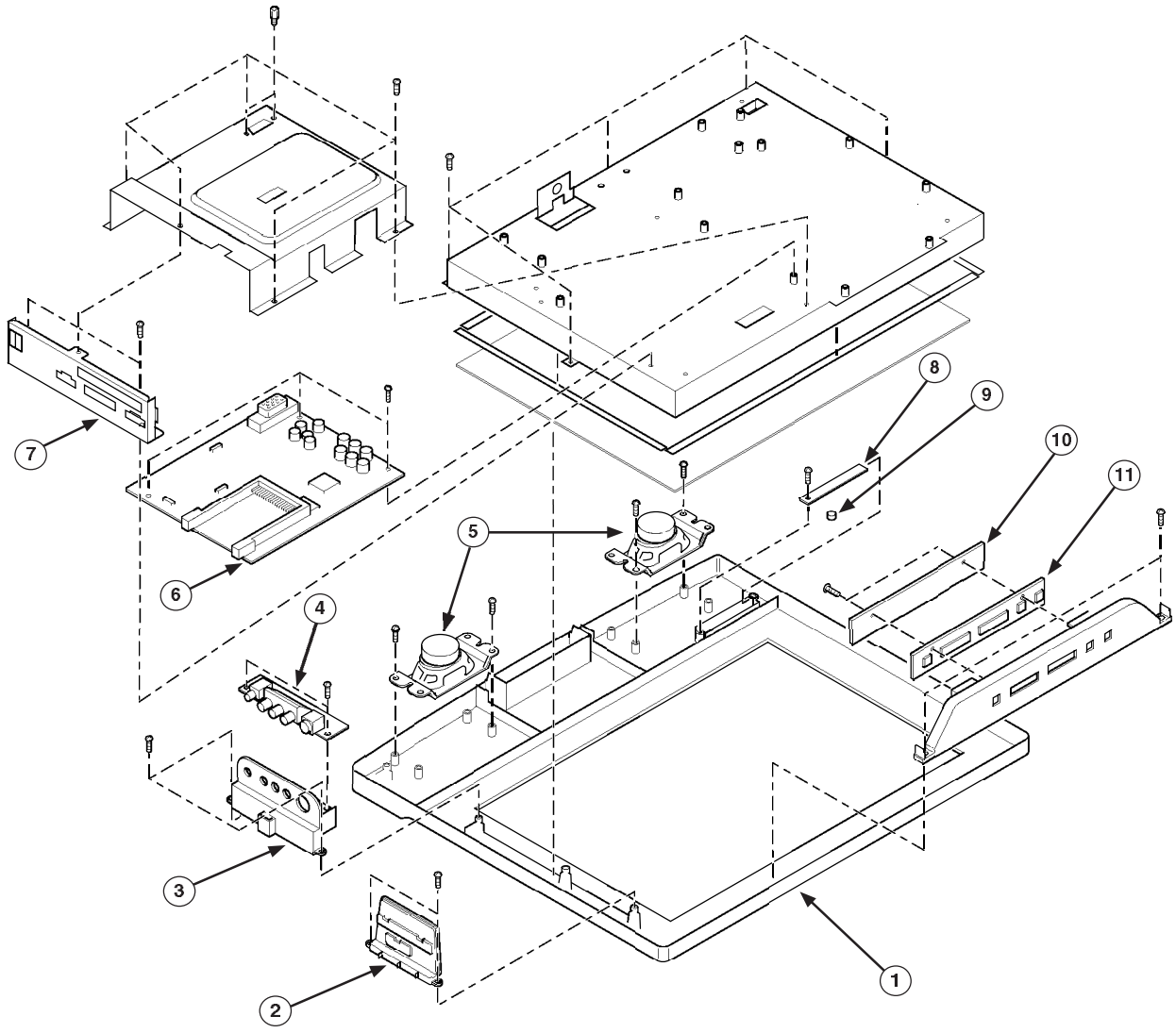
SECTION 5
EXPLODED VIEWS

NOTE :

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

5-1. KDL-15G2000 UK/AEP - CHASSIS



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
1	X-2149-223-1	BEZEL (15) ASSY		7	*2-886-374-01	BRACKET, CARD SLOT	
2	2-889-332-01	COVER, PCMCIA		8	*1-789-668-11	H3 BOARD, COMPLETE	
3	2-699-371-01	BRACKET, SIDE TERMINAL		9	2-699-373-01	IR LENS (15)	
4	*1-789-670-11	H2 BOARD, COMPLETE			2-699-374-01	LED LENS (15)	
5	1-826-540-11	LOUDSPEAKER (4X7CM)		10	*1-789-671-11	H1 BOARD, COMPLETE	
6	*A-1204-488-A	BDT BOARD, COMPLETE		11	X-2149-221-1	BUTTON ASSY	

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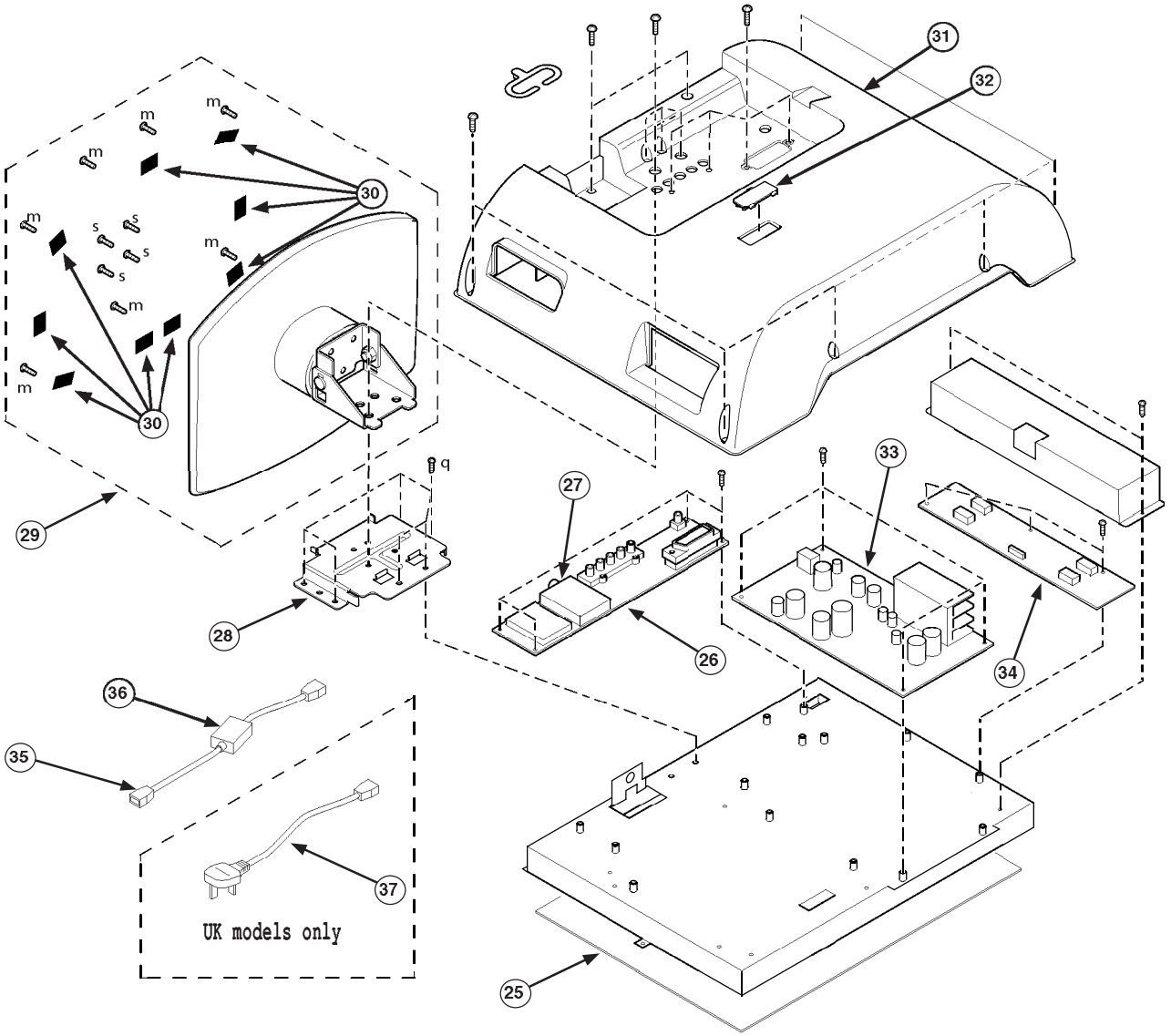
Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

5-2. KDL-15G2000 UK/AEP - CHASSIS/STAND/REAR COVER

m 7-685-245-14 SCREW, KTP 3X6 TYPE2 NON-SHT
s 2-580-601-01 SCREW, +PSW M4X12
q 7-685-647-79 SCREW, +BVTP TYPE2 IT3



REF.NO.	PART.NO	DESCRIPTION	REMARK
25	1-802-270-11	LCD PANEL (15 INCH XGA TFT)	
26	*A-1204-486-A	A2 BOARD, COMPLETE	
27	8-597-590-00	TUNER, FSS BTP-HC401Z	
28	*2-886-380-01	BRACKET, HINGE (15)	
29	X-2149-225-1	STAND (15) ASSY	30
30	2-668-639-01	FOOT, STAND	
31	X-2149-224-1	CABINET, REAR (15) ASSY	
32	2-889-333-01	COVER, SERVICE	
33	*A-1204-490-A	DC BOARD, COMPLETE	
34	*1-789-672-11	INVERTER BOARD, COMPLETE	
35	1-827-481-11	POWER SUPPLY CORD	KDL-15G2000 (AEP)
36	1-478-727-34	DC POWER SUPPLY	
37	1-827-480-11	POWER SUPPLY CORD	KDL-15G2000 (UK)

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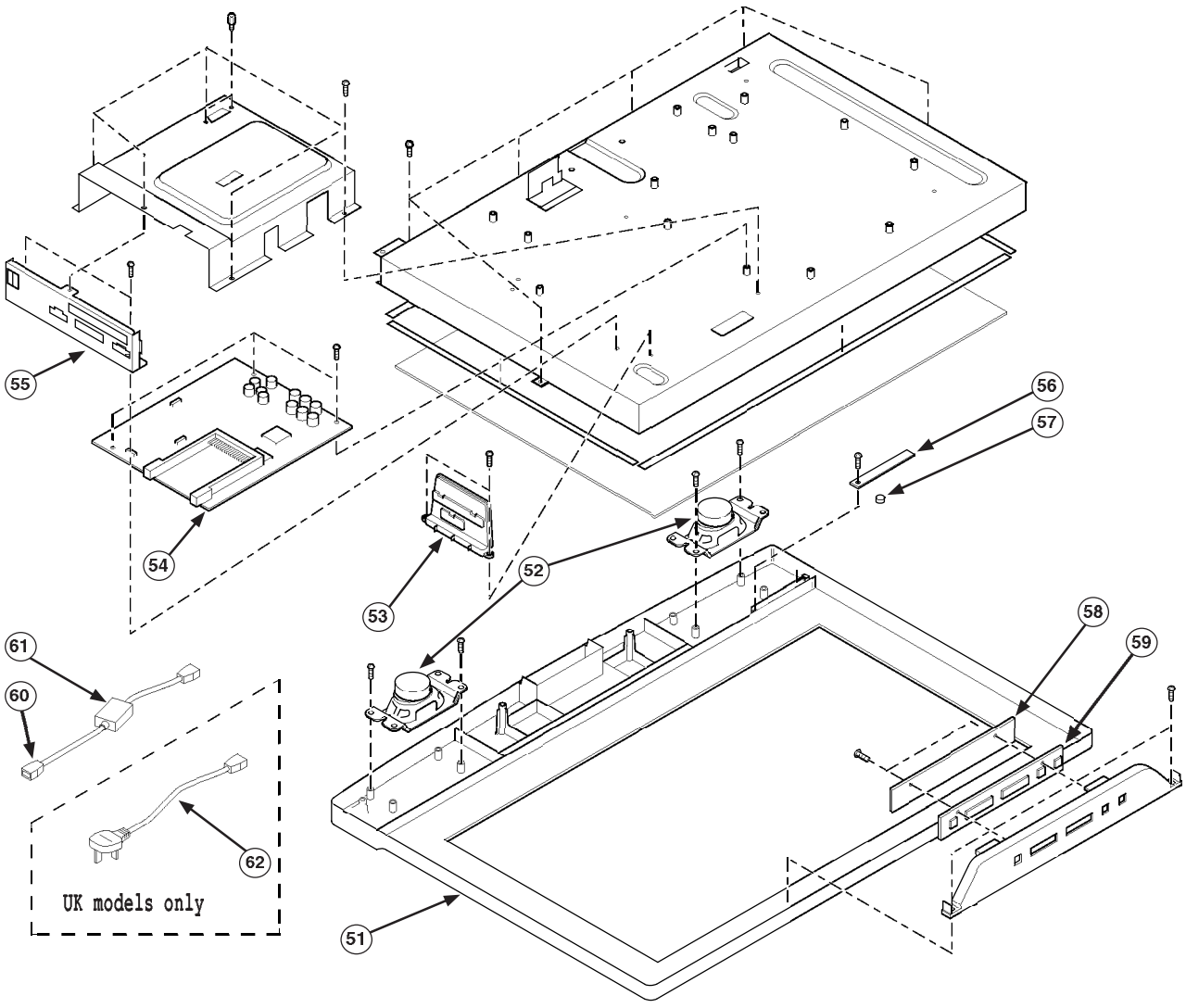
Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

5-3. KDL-20G2000 UK/AEP - CHASSIS



REF.NO.	PART.NO	DESCRIPTION	REMARK
51	X-2149-219-1	BEZEL (20) ASSY	
52	1-826-540-11	LOUDSPEAKER (4X7CM)	
53	2-889-332-01	COVER, PCMCIA	
54	*A-1204-505-A	BDT BOARD, COMPLETE	
55	2-886-374-01	BRACKET, CARD SLOT	
56	*1-789-669-11	H3 BOARD, COMPLETE	
57	2-699-368-01	IR LENS (20)	
	2-699-369-01	LED LENS (20)	

REF.NO.	PART.NO	DESCRIPTION	REMARK
58	*1-789-671-11	H1 BOARD, COMPLETE	
59	X-2149-221-1	BUTTON ASSY	
60	1-827-481-11	POWER SUPPLY CORD	KDL-20G2000 (AEP)
61	1-478-235-14	DC POWER SUPPLY	
62	1-827-480-11	POWER SUPPLY CORD	KDL-20G2000 (UK)

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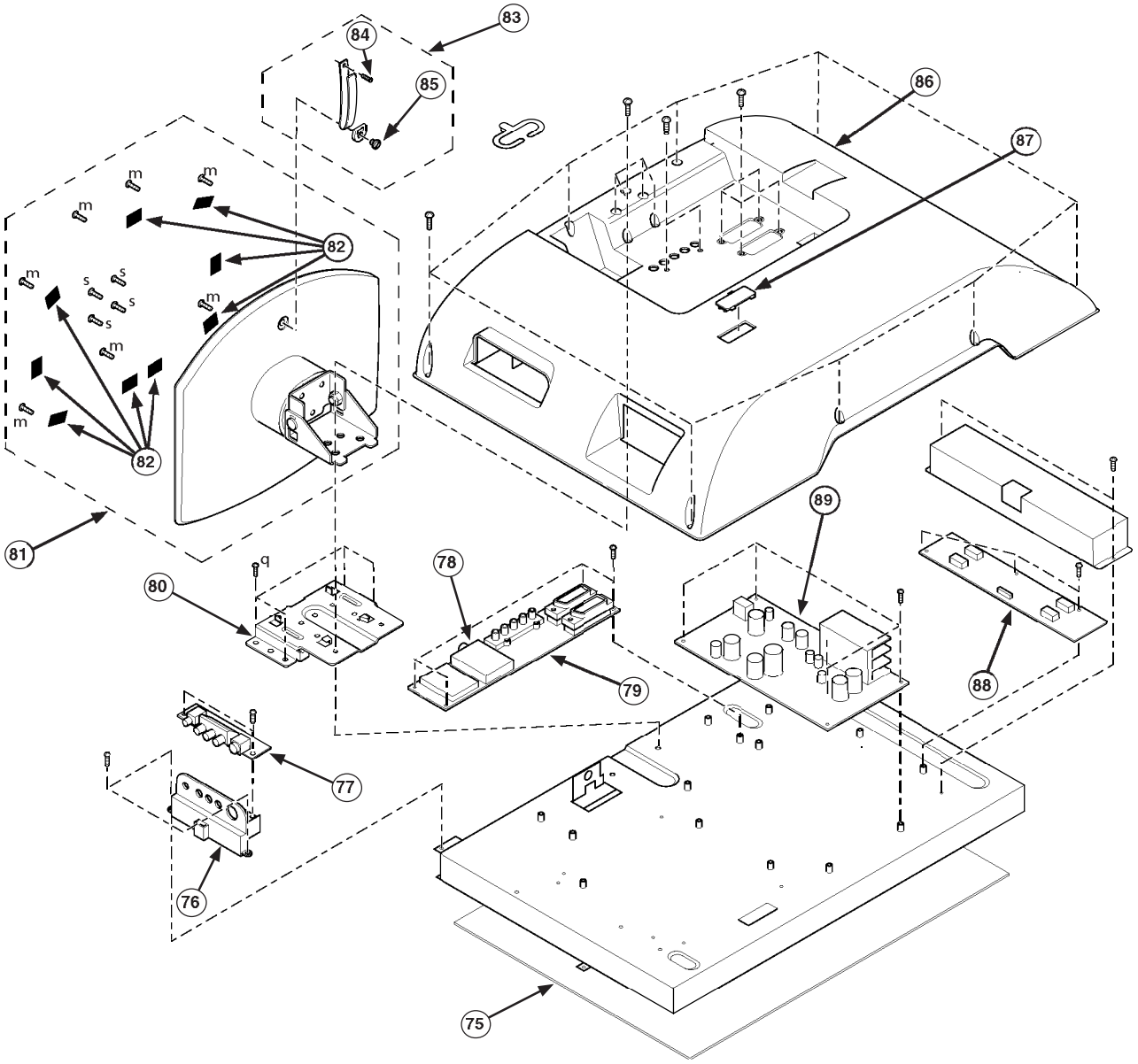
5-4. KDL-20G2000 UK/AEP - CHASSIS/STAND/REAR COVER

m 7-685-245-14 SCREW, KTP 3X6 TYPE2 NON-SHT
s 2-580-601-01 SCREW, +PSW M4X12
q 7-685-647-79 SCREW, +BVTP TYPE2 IT3



REF.NO.	PART.NO	DESCRIPTION	REMARK
75	1-802-271-11	LCD PANEL (20 INCH VGA TFT)	
76	2-699-371-01	BRACKET, SIDE TERMINAL	
77	*1-789-670-11	H2 BOARD, COMPLETE	
78	8-597-590-00	TUNER, FSS BTP-HC401Z	
79	*A-1204-504-A	A2 BOARD, COMPLETE	
80	*2-886-375-01	BRACKET, HINGE (20)	
81	X-2149-222-1	STAND (20) ASSY	82
82	2-668-639-01	FOOT, STAND	

REF.NO.	PART.NO	DESCRIPTION	REMARK
83	*X-2005-089-2	LOCK ASSY, RUDDER	84, 85
84	2-580-663-01	SCREW, WOOD 3.8X20	
85	2-593-320-02	SCREW, COIN (M6X18)	
86	X-2149-220-1	CABINET, REAR (20) ASSY	
87	2-889-333-01	COVER, SERVICE	
88	*1-789-673-11	INVERTER BOARD, COMPLETE	
89	*A-1204-506-A	DC BOARD, COMPLETE	

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SECTION 6
ELECTRICAL PARTS LIST

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Note : The H1, H2 and H3 boards are regarded as non service items for exchange only.

Note : Items marked "*" are not stocked since they are seldom required for routine service.
Some delay should be anticipated when ordering these items.
Parts indicated (XX) on the Schematic Diagram are not used in this model and therefore do not appear in the Parts List.

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REF.NO.	PART.NO	DESCRIPTION	REMARK
*A-1204-486-A	A2 Board, Complete KDL-15G2000		
*A-1204-504-A	A2 Board, Complete KDL-20G2000		
A2 Board, Common Parts			
	*2-586-040-02	SHIELD CASE, IFOB (MAIN)	
	*2-586-041-01	SHIELD CASE, IFOB (TOP)	
	< CAPACITOR >		
C1000	1-126-947-11	ELECT 47UF	20.00% 35V
C1001	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1100	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C1102	1-162-925-11	CERAMIC CHIP 68PF	5.00% 50V
C1103	1-162-925-11	CERAMIC CHIP 68PF	5.00% 50V
C1104	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1105	1-126-968-11	ELECT 100UF	20.00% 50V
C1106	1-126-916-11	ELECT 1000UF	20.00% 6.3V
C1107	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1108	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1200	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1202	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1203	1-104-662-91	ELECT 22UF	20.00% 25V
C1204	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1205	1-164-392-11	CERAMIC CHIP 390PF	5.00% 50V
C1206	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1207	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1208	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C1209	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C1210	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V
C1211	1-131-664-91	CERAMIC CHIP 0.15UF	10% 10V
C1213	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V
C1216	1-162-919-11	CERAMIC CHIP 22PF	5.00% 50V
C1218	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1219	1-162-926-11	CERAMIC CHIP 82PF	5.00% 50V
C1220	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V
C1221	1-164-388-91	CERAMIC CHIP 270PF	5.00% 50V
C1222	1-162-915-11	CERAMIC CHIP 10PF	0.50PF 50V
C1223	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1226	1-162-961-11	CERAMIC CHIP 330PF	10.00% 50V
C1227	1-126-933-11	ELECT 100UF	20.00% 16V
C2000	1-126-933-11	ELECT 100UF	20.00% 16V
C2025	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C2026	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C2027	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C2028	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C2043	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C2044	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C2048	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2049	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2073	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C2074	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C2079	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C2080	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C2081	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2084	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2085	1-117-370-11	CERAMIC CHIP 10UF	10V
	< CONNECTOR >		
CN2021	*1-417-602-11	SOCKET 21PIN	
CN2022	*1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P	
CN2024	*1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P	
	< DIODE >		
D1100	8-719-069-55	DIODE UDZSTE-175.6B	
D1101	8-719-083-87	DIODE UDZS-TE17-33B	
D1102	8-719-069-55	DIODE UDZSTE-175.6B	
D1200	8-719-050-38	DIODE M1MA152WK-T1	
D2025	8-719-083-63	DIODE UDZSTE-1713B	
D2026	8-719-069-60	DIODE UDZSTE-179.1B	
D2027	8-719-069-60	DIODE UDZSTE-179.1B	
D2028	8-719-069-60	DIODE UDZSTE-179.1B	
D2029	8-719-069-55	DIODE UDZSTE-175.6B	
D2030	8-719-069-60	DIODE UDZSTE-179.1B	
D2031	8-719-069-60	DIODE UDZSTE-179.1B	
D2037	8-719-069-60	DIODE UDZSTE-179.1B	
D2038	8-719-069-60	DIODE UDZSTE-179.1B	
D2039	8-719-069-60	DIODE UDZSTE-179.1B	
D2040	8-719-069-60	DIODE UDZSTE-179.1B	
D2058	8-719-069-60	DIODE UDZSTE-179.1B	
D2059	8-719-069-60	DIODE UDZSTE-179.1B	
D2065	8-719-069-55	DIODE UDZSTE-175.6B	
D2066	8-719-069-55	DIODE UDZSTE-175.6B	
D2067	8-719-069-55	DIODE UDZSTE-175.6B	
D2069	8-719-069-55	DIODE UDZSTE-175.6B	
D2070	8-719-069-55	DIODE UDZSTE-175.6B	
D2071	8-719-069-55	DIODE UDZSTE-175.6B	
	< FERRITE BEAD >		
FB1100	1-469-185-11	FERRITE 0UH	
FB1101	1-469-185-11	FERRITE 0UH	
	< IC >		
IC1000	6-704-465-01	IC MC74LVX8053DTR2	
IC1200	6-704-747-01	IC TDA9886TS/V4,118	
IC2000	8-759-385-76	IC MC14052 BDR2	
	< SOCKET >		
J2024	1-819-354-11	PHONO JACK 5P	

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REF.NO.	PART.NO	DESCRIPTION			REMARK
		< COIL >			
L1000	1-414-934-21	INDUCTOR	10UH		
L1100	1-412-987-31	INDUCTOR	4.7UH		
L1101	1-412-987-31	INDUCTOR	4.7UH		
L1102	1-414-580-21	INDUCTOR	100NH		
L1103	1-414-580-21	INDUCTOR	100NH		
L1104	1-414-934-21	INDUCTOR	10UH		
L1105	1-414-580-21	INDUCTOR	100NH		
L1107	1-414-934-21	INDUCTOR	10UH		
L1200	1-414-934-21	INDUCTOR	10UH		
L1201	1-410-993-42	INDUCTOR	1UH		
L1223	1-410-509-11	INDUCTOR	10UH		
L2000	1-414-934-21	INDUCTOR	10UH		
		< TRANSISTOR >			
Q1200	8-729-010-29	TRANSISTOR	MSD601-RST1		
Q1201	8-729-421-19	TRANSISTOR	UN2213		
Q1202	8-729-421-19	TRANSISTOR	UN2213		
Q1203	8-729-422-33	TRANSISTOR	2SD601A-Q-TX		
Q1204	8-729-421-19	TRANSISTOR	UN2213		
Q1205	8-729-010-05	TRANSISTOR	MSB709-RT1		
Q2000	8-729-010-29	TRANSISTOR	MSD601-RST1		
Q2001	8-729-010-29	TRANSISTOR	MSD601-RST1		
Q2004	8-729-010-05	TRANSISTOR	MSB709-RT1		
Q2005	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
		< RESISTOR >			
R1001	1-216-864-11	SHORT CHIP	0		
R1002	1-216-809-11	METAL CHIP	100	5%	1/10W
R1003	1-216-864-11	SHORT CHIP	0		
R1004	1-216-864-11	SHORT CHIP	0		
R1006	1-216-864-11	SHORT CHIP	0		
R1007	1-216-864-11	SHORT CHIP	0		
R1008	1-216-864-11	SHORT CHIP	0		
R1009	1-216-864-11	SHORT CHIP	0		
R1010	1-216-864-11	SHORT CHIP	0		
R1101	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1201	1-216-835-11	METAL CHIP	15K	5%	1/10W
R1202	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1203	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1204	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1206	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1207	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1208	1-216-864-11	SHORT CHIP	0		
R1210	1-216-817-11	METAL CHIP	470	5%	1/10W
R1212	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1213	1-216-811-11	METAL CHIP	150	5%	1/10W
R1214	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1215	1-216-817-11	METAL CHIP	470	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R1216	1-216-834-11	METAL CHIP	12K	5%	1/10W
R1217	1-216-864-11	SHORT CHIP	0		
R1218	1-216-809-11	METAL CHIP	100	5%	1/10W
R1219	1-216-864-11	SHORT CHIP	0		
R1220	1-216-809-11	METAL CHIP	100	5%	1/10W
R1221	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1222	1-216-813-11	METAL CHIP	220	5%	1/10W
R1223	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1224	1-216-809-11	METAL CHIP	100	5%	1/10W
R1225	1-216-864-11	SHORT CHIP	0		
R1226	1-216-819-11	METAL CHIP	680	5%	1/10W
R1228	1-216-864-11	SHORT CHIP	0		
R1229	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1230	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R1232	1-216-807-11	METAL CHIP	68	5%	1/10W
R1233	1-216-807-11	METAL CHIP	68	5%	1/10W
R1234	1-216-814-11	METAL CHIP	270	5%	1/10W
R1235	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1237	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1238	1-216-864-11	SHORT CHIP	0		
R1239	1-216-812-11	METAL CHIP	180	5%	1/10W
R1240	1-216-801-11	METAL CHIP	22	5%	1/10W
R1241	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1301	1-216-864-11	SHORT CHIP	0		
R1302	1-216-864-11	SHORT CHIP	0		
R1305	1-216-864-11	SHORT CHIP	0		
R1306	1-216-864-11	SHORT CHIP	0		
R1307	1-216-864-11	SHORT CHIP	0		
R1308	1-216-864-11	SHORT CHIP	0		
R2000	1-216-809-11	METAL CHIP	100	5%	1/10W
R2004	1-216-864-11	SHORT CHIP	0		
R2005	1-216-864-11	SHORT CHIP	0		
R2006	1-216-809-11	METAL CHIP	100	5%	1/10W
R2007	1-216-864-11	SHORT CHIP	0		
R2008	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2009	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2011	1-216-809-11	METAL CHIP	100	5%	1/10W
R2013	1-216-809-11	METAL CHIP	100	5%	1/10W
R2015	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2016	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2017	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2018	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2019	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2020	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2021	1-216-295-91	SHORT CHIP	0		
R2022	1-216-815-11	METAL CHIP	330	5%	1/10W
R2023	1-216-049-11	RES-CHIP	1K	5%	1/10W
R2024	1-216-815-11	METAL CHIP	330	5%	1/10W
R2025	1-216-049-11	RES-CHIP	1K	5%	1/10W
R2026	1-216-022-00	RES-CHIP	75	5%	1/10W

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REF.NO.	PART.NO	DESCRIPTION			REMARK
R2028	1-216-022-00	RES-CHIP	75	5%	1/10W
R2029	1-216-022-00	RES-CHIP	75	5%	1/10W
R2030	1-216-022-00	RES-CHIP	75	5%	1/10W
R2031	1-216-022-00	RES-CHIP	75	5%	1/10W
R2034	1-216-813-11	METAL CHIP	220	5%	1/10W
R2035	1-216-864-11	SHORT CHIP	0		
R2036	1-216-813-11	METAL CHIP	220	5%	1/10W
R2037	1-216-864-11	SHORT CHIP	0		
R2038	1-216-864-11	SHORT CHIP	0		
R2039	1-216-864-11	SHORT CHIP	0		
R2040	1-216-864-11	SHORT CHIP	0		
R2041	1-216-864-11	SHORT CHIP	0		
R2042	1-216-864-11	SHORT CHIP	0		
R2043	1-216-864-11	SHORT CHIP	0		
R2048	1-216-864-11	SHORT CHIP	0		
R2049	1-216-864-11	SHORT CHIP	0		
R2050	1-216-864-11	SHORT CHIP	0		
R2051	1-216-864-11	SHORT CHIP	0		
R2052	1-216-864-11	SHORT CHIP	0		
R2053	1-216-864-11	SHORT CHIP	0		
R2054	1-216-864-11	SHORT CHIP	0		
R2055	1-216-864-11	SHORT CHIP	0		
R2056	1-216-864-11	SHORT CHIP	0		
R2061	1-216-864-11	SHORT CHIP	0		
R2062	1-216-864-11	SHORT CHIP	0		
R2063	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2064	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2065	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2066	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2067	1-216-025-11	RES-CHIP	100	5%	1/10W
R2068	1-216-033-00	RES-CHIP	220	5%	1/10W
R2069	1-216-025-11	RES-CHIP	100	5%	1/10W
R2070	1-216-025-11	RES-CHIP	100	5%	1/10W
R2071	1-216-025-11	RES-CHIP	100	5%	1/10W
R2072	1-216-022-00	RES-CHIP	75	5%	1/10W
R2073	1-216-025-11	RES-CHIP	100	5%	1/10W
R2112	1-216-809-11	METAL CHIP	100	5%	1/10W
R2113	1-216-809-11	METAL CHIP	100	5%	1/10W
R2114	1-216-809-11	METAL CHIP	100	5%	1/10W
R2115	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2116	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2117	1-216-864-11	SHORT CHIP	0		
R2118	1-216-864-11	SHORT CHIP	0		
R2119	1-216-029-00	RES-CHIP	150	5%	1/10W
R2120	1-216-029-00	RES-CHIP	150	5%	1/10W
R2121	1-216-029-00	RES-CHIP	150	5%	1/10W
R2123	1-216-049-11	RES-CHIP	1K	5%	1/10W
R2124	1-216-029-00	RES-CHIP	150	5%	1/10W
R2125	1-216-029-00	RES-CHIP	150	5%	1/10W
R2126	1-216-029-00	RES-CHIP	150	5%	1/10W
R2127	1-216-049-11	RES-CHIP	1K	5%	1/10W
R2129	1-216-864-11	SHORT CHIP	0		
R2132	1-216-864-11	SHORT CHIP	0		
R2134	1-216-840-11	METAL CHIP	39K	5%	1/10W
R2135	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2136	1-216-811-11	METAL CHIP	150	5%	1/10W
R2137	1-216-817-11	METAL CHIP	470	5%	1/10W
R2138	1-216-811-11	METAL CHIP	150	5%	1/10W
R2145	1-216-864-11	SHORT CHIP	0		
R2147	1-216-864-11	SHORT CHIP	0		
SW1200	1-795-617-11	SAW FILTER			
SW1201	1-767-083-11	FILTER, SURFACE WAVE			
		< TUNER >			
TU1300	8-597-590-00	TUNER, FSS BTP-HC401Z			
		< CRYSTAL >			
X1200	1-767-704-11	VIBRATOR, CRYSTAL			

A2 Board, Variant Parts KDL-15G2000

		< CAPACITOR >			
C2053	1-165-908-11	CERAMIC CHIP 1UF		10%	10V
C2054	1-165-908-11	CERAMIC CHIP 1UF		10%	10V
C2057	1-162-964-11	CERAMIC CHIP 0.001UF		10.00%	50V
C2058	1-162-964-11	CERAMIC CHIP 0.001UF		10.00%	50V
C2065	NOT FITTED				
C2066	NOT FITTED				
C2067	NOT FITTED				
C2068	NOT FITTED				
C2069	NOT FITTED				
C2070	NOT FITTED				
C2071	NOT FITTED				
C2072	NOT FITTED				
C2086	NOT FITTED				
C2087	NOT FITTED				
		< CONNECTOR >			
CN2023	NOT FITTED				
		< DIODE >			
D2041	8-719-069-60	DIODE UDZSTE-179.1B			
D2042	8-719-069-60	DIODE UDZSTE-179.1B			
D2045	NOT FITTED				
D2046	NOT FITTED				
D2047	NOT FITTED				
D2048	NOT FITTED				
D2049	NOT FITTED				
D2050	NOT FITTED				

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REF.NO.	PART.NO	DESCRIPTION			REMARK
D2052	NOT FITTED				
D2061	NOT FITTED				
D2062	NOT FITTED				
D2063	NOT FITTED				
D2064	NOT FITTED				
D2068	NOT FITTED				
	< SOCKET >				
J2023	1-820-021-11	JACK			
	< TRANSISTOR >				
Q2002	NOT FITTED				
Q2003	NOT FITTED				
	< RESISTOR >				
R2001	1-216-809-11	METAL CHIP	100	5%	1/10W
R2002	NOT FITTED				
R2010	1-216-809-11	METAL CHIP	100	5%	1/10W
R2012	NOT FITTED				
R2044	NOT FITTED				
R2045	NOT FITTED				
R2046	NOT FITTED				
R2047	NOT FITTED				
R2057	NOT FITTED				
R2058	NOT FITTED				
R2059	NOT FITTED				
R2060	NOT FITTED				
R2076	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2077	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2080	1-216-864-11	SHORT CHIP	0		
R2081	1-216-864-11	SHORT CHIP	0		
R2082	NOT FITTED				
R2085	1-216-049-11	RES-CHIP	1K	5%	1/10W
R2086	1-216-049-11	RES-CHIP	1K	5%	1/10W
R2087	NOT FITTED				
R2088	NOT FITTED				
R2089	NOT FITTED				
R2090	NOT FITTED				
R2091	NOT FITTED				
R2092	NOT FITTED				
R2093	NOT FITTED				
R2094	NOT FITTED				
R2095	NOT FITTED				
R2097	NOT FITTED				
R2098	NOT FITTED				
R2099	NOT FITTED				
R2100	NOT FITTED				
R2101	NOT FITTED				
R2102	NOT FITTED				

REF.NO.	PART.NO	DESCRIPTION	REMARK
R2103	NOT FITTED		
R2104	NOT FITTED		
R2105	NOT FITTED		
R2106	NOT FITTED		
R2107	NOT FITTED		
R2108	NOT FITTED		
R2109	NOT FITTED		
R2110	NOT FITTED		
R2111	NOT FITTED		
R2122	NOT FITTED		
R2139	NOT FITTED		
R2140	NOT FITTED		
R2141	NOT FITTED		
R2142	NOT FITTED		
R2143	NOT FITTED		

A2 Board, Variant Parts KDL-20G2000

	< CAPACITOR >		
C2053	NOT FITTED		
C2054	NOT FITTED		
C2057	NOT FITTED		
C2058	NOT FITTED		
C2065	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C2066	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C2067	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C2068	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C2069	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C2070	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C2071	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2072	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2086	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2087	1-117-370-11	CERAMIC CHIP 10UF	10V
	< CONNECTOR >		
CN2023	*1-417-602-11	SOCKET 21PIN	
	< DIODE >		
D2041	NOT FITTED		
D2042	NOT FITTED		
D2045	8-719-083-63	DIODE UDZSTE-1713B	
D2046	8-719-069-60	DIODE UDZSTE-179.1B	
D2047	8-719-069-60	DIODE UDZSTE-179.1B	
D2048	8-719-069-60	DIODE UDZSTE-179.1B	
D2049	8-719-069-55	DIODE UDZSTE-175.6B	
D2050	8-719-069-60	DIODE UDZSTE-179.1B	
D2052	8-719-083-63	DIODE UDZSTE-1713B	
D2061	8-719-069-60	DIODE UDZSTE-179.1B	
D2062	8-719-069-60	DIODE UDZSTE-179.1B	
D2063	8-719-069-60	DIODE UDZSTE-179.1B	

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REF.NO.	PART.NO	DESCRIPTION			REMARK
D2064	8-719-069-60	DIODE UDZSTE-179.1B			
D2068	8-719-069-60	DIODE UDZSTE-179.1B			
		< SOCKET >			
J2023	NOT FITTED				
		< TRANSISTOR >			
Q2002	8-729-010-05	TRANSISTOR MSB709-RT1			
Q2003	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
		< RESISTOR >			
R2001	NOT FITTED				
R2002	1-216-809-11	METAL CHIP	100	5%	1/10W
R2010	NOT FITTED				
R2012	1-216-809-11	METAL CHIP	100	5%	1/10W
R2044	1-216-864-11	SHORT CHIP	0		
R2045	1-216-864-11	SHORT CHIP	0		
R2046	1-216-864-11	SHORT CHIP	0		
R2047	1-216-864-11	SHORT CHIP	0		
R2057	1-216-864-11	SHORT CHIP	0		
R2058	1-216-864-11	SHORT CHIP	0		
R2059	1-216-864-11	SHORT CHIP	0		
R2060	1-216-864-11	SHORT CHIP	0		
R2076	NOT FITTED				
R2077	NOT FITTED				
R2080	NOT FITTED				
R2081	NOT FITTED				
R2082	1-216-295-91	SHORT CHIP	0		
R2085	NOT FITTED				
R2086	NOT FITTED				
R2087	1-216-022-00	RES-CHIP	75	5%	1/10W
R2088	1-216-022-00	RES-CHIP	75	5%	1/10W
R2089	1-216-022-00	RES-CHIP	75	5%	1/10W
R2090	1-216-022-00	RES-CHIP	75	5%	1/10W
R2091	1-216-022-00	RES-CHIP	75	5%	1/10W
R2092	1-216-815-11	METAL CHIP	330	5%	1/10W
R2093	1-216-049-11	RES-CHIP	1K	5%	1/10W
R2094	1-216-815-11	METAL CHIP	330	5%	1/10W
R2095	1-216-049-11	RES-CHIP	1K	5%	1/10W
R2097	1-216-864-11	SHORT CHIP	0		
R2098	1-216-864-11	SHORT CHIP	0		
R2099	1-216-864-11	SHORT CHIP	0		
R2100	1-216-864-11	SHORT CHIP	0		
R2101	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2102	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2103	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2104	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2105	1-216-025-11	RES-CHIP	100	5%	1/10W
R2106	1-216-033-00	RES-CHIP	220	5%	1/10W
R2107	1-216-025-11	RES-CHIP	100	5%	1/10W
R2108	1-216-025-11	RES-CHIP	100	5%	1/10W
R2109	1-216-025-11	RES-CHIP	100	5%	1/10W
R2110	1-216-022-00	RES-CHIP	75	5%	1/10W
R2111	1-216-025-11	RES-CHIP	100	5%	1/10W
R2122	1-216-025-11	RES-CHIP	100	5%	1/10W
R2139	1-216-811-11	METAL CHIP	150	5%	1/10W
R2140	1-216-817-11	METAL CHIP	470	5%	1/10W
R2141	1-216-811-11	METAL CHIP	150	5%	1/10W
R2142	1-216-840-11	METAL CHIP	39K	5%	1/10W
R2143	1-216-833-11	METAL CHIP	10K	5%	1/10W

***A-1204-505-A BDT Board, Complete KDL-20G2000 only**

		< CAPACITOR >			
C3001	1-125-891-11	CERAMIC CHIP	0.47UF	10.00%	10V
C3002	1-125-891-11	CERAMIC CHIP	0.47UF	10.00%	10V
C3003	1-125-891-11	CERAMIC CHIP	0.47UF	10.00%	10V
C3004	1-164-156-11	CERAMIC CHIP	0.1UF		25V
C3005	1-125-891-11	CERAMIC CHIP	0.47UF	10.00%	10V
C3007	1-164-156-11	CERAMIC CHIP	0.1UF		25V
C3008	1-126-205-11	ELECT CHIP	47UF	20.00%	6.3V
C3009	1-164-156-11	CERAMIC CHIP	0.1UF		25V
C3010	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3011	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3012	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3013	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3014	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3015	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3016	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3017	1-126-205-11	ELECT CHIP	47UF	20.00%	6.3V
C3018	1-164-156-11	CERAMIC CHIP	0.1UF		25V
C3019	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3020	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3021	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3025	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3026	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3027	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3028	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3029	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3030	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3031	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3032	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3033	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3035	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3040	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3041	1-127-715-91	CERAMIC CHIP	0.22UF	10%	16V
C3042	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C3043	1-126-394-11	ELECT CHIP	10UF	20.00%	16V
C3044	1-127-715-91	CERAMIC CHIP	0.22UF	10%	16V

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REF.NO.	PART.NO	DESCRIPTION	REMARK
C3045	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3048	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C3049	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C3050	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3052	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C3053	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C3054	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C3055	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3056	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C3058	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3059	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3060	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3063	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3065	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C3068	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3069	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3070	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3071	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3072	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3073	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3074	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3075	1-162-917-11	CERAMIC CHIP 15PF	5.00% 50V
C3076	1-162-917-11	CERAMIC CHIP 15PF	5.00% 50V
C3078	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C3080	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3081	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C3082	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3085	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3086	1-126-390-11	ELECT CHIP 22UF	20.00% 6.3V
C3089	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C3090	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3092	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C3093	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3094	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3095	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3096	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3097	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C3114	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C3116	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C3131	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C3200	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C3201	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C3300	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C3301	1-164-388-91	CERAMIC CHIP 270PF	5.00% 50V
C3302	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C3303	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C3350	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V
C3353	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C5040	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5041	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5042	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C5043	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5044	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C5045	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C5046	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C5047	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5048	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5049	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5050	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5051	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5052	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5054	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5055	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5056	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5057	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5058	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5059	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5060	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5061	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C5062	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C5063	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5064	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5065	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5066	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5067	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C5068	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5069	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5070	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5071	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5072	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5073	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5630	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5631	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5632	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5633	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5634	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5635	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5636	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5637	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5638	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5641	1-100-506-91	CERAMIC CHIP 1UF	20.00% 6.3V
C5642	1-100-506-91	CERAMIC CHIP 1UF	20.00% 6.3V
C5646	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5650	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5651	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5652	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5653	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5654	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5655	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5656	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V

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REF.NO.	PART.NO	DESCRIPTION	REMARK
C5660	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5661	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5662	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5663	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5664	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5665	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5666	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5667	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5668	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5669	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5670	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5671	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5672	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5673	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5674	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C5675	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C5680	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5682	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5683	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5684	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5685	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5686	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5689	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5690	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5691	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5692	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5693	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5695	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5696	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5697	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5698	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5699	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5700	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5701	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5702	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5703	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C5750	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5751	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5752	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5753	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5754	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5755	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5756	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5757	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5758	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5759	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5760	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5761	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5762	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5763	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5764	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5765	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5766	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5767	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5780	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5781	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5782	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5783	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C5785	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V
C5786	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V
C5787	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5789	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V
C5790	1-104-905-11	DOUBLE LAYER 0.22F	5.5V
C5791	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C5792	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5793	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5794	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5795	1-165-822-91	CERAMIC CHIP 1UF	25V
C5796	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5797	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5798	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5799	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5800	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5801	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5803	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5804	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5805	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C5806	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C5807	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5808	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5809	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5810	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C5811	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5812	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5813	1-135-366-11	ELECT CHIP 100UF	20% 16V
C5814	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C5815	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5816	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5844	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C6500	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6501	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C6502	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6503	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6504	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6505	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6506	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6507	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6508	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6509	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6510	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V

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REF.NO.	PART.NO	DESCRIPTION	REMARK
C6511	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6512	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C6513	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6515	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6516	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6517	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6518	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6519	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C6520	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6522	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6523	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6524	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6525	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C6526	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C6528	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C6529	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C6530	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6532	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V
C6535	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6536	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6538	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6539	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6543	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C6545	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6546	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6547	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6548	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C6549	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C6551	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C6553	1-117-370-11	CERAMIC CHIP 10UF	10V
C6554	1-117-370-11	CERAMIC CHIP 10UF	10V
C6555	1-117-370-11	CERAMIC CHIP 10UF	10V
C6556	1-117-370-11	CERAMIC CHIP 10UF	10V
C6557	1-117-370-11	CERAMIC CHIP 10UF	10V
C6558	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6559	1-117-370-11	CERAMIC CHIP 10UF	10V
C6560	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6561	1-117-370-11	CERAMIC CHIP 10UF	10V
C6562	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6563	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6564	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6565	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6566	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6567	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6572	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6579	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C6581	1-109-982-11	CERAMIC CHIP 1UF	10.00% 10V
C6582	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C8922	1-164-156-11	CERAMIC CHIP 0.1UF	25V

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< CONNECTOR >	
CN3000	*1-819-335-11	HEADER ASSEMBLY FOR PWB, 9P	
CN3002	*1-779-884-11	CONNECTOR 4P	
CN3003	*1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P	
CN3004	*1-819-333-11	CONNECTOR 5P	
CN3005	*1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P	
CN3006	*1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P	
CN3007	*1-784-254-11	CONNECTOR 10P	
CN3008	*1-779-936-51	CONNECTOR, FFC/FPC 18P	
CN3009	*1-778-652-31	CONNECTOR, FFC (ZIF) 50P	
CN5750	*1-793-769-21	CONNECTOR, CARD (PCMCIA CARD)	
CN5883	*1-820-209-11	MEMORY STICK CONNECTOR	
CN6500	*1-819-441-11	PWB HEADER, 13P	
CN6501	*1-819-474-11	HEADER ASSEMBLY FOR PWB 6P	
		< DIODE >	
D3004	8-719-050-38	DIODE M1MA152WK-T1	
D3005	8-719-036-94	DIODE RD5.6SB-T1	
D3010	8-719-081-97	DIODE MMDL914T1	
D3011	8-719-081-97	DIODE MMDL914T1	
D3012	8-719-081-97	DIODE MMDL914T1	
D3015	8-719-081-97	DIODE MMDL914T1	
D3016	8-719-069-60	DIODE UDZSTE-179.1B	
D5780	8-719-041-97	DIODE MA113-(TX)	
D6301	8-719-081-97	DIODE MMDL914T1	
D6500	8-719-081-67	DIODE M1FM3	
D6501	8-719-081-67	DIODE M1FM3	
D6502	6-500-696-01	DIODE UDZSTE-173.0B	
D6504	8-719-081-97	DIODE MMDL914T1	
D6505	8-719-081-97	DIODE MMDL914T1	
D6506	6-501-336-01	DIODE RSX201L-30TE25	
D6507	8-719-080-41	DIODE RB063L-30TE25	
D6508	8-719-081-97	DIODE MMDL914T1	
D6509	6-500-294-01	DIODE PTZ-TE25-3.9B	
D6510	6-500-253-01	DIODE RB053L-30TE25	
D6512	6-500-253-01	DIODE RB053L-30TE25	
D6513	6-500-294-01	DIODE PTZ-TE25-3.9B	
D6514	6-500-295-01	DIODE PTZ-TE25-5.6B	
D6515	8-719-083-63	DIODE UDZSTE-1713B	
D6516	8-719-081-99	DIODE MM3Z13VT1	
D6517	8-719-081-99	DIODE MM3Z13VT1	
D6518	8-719-066-10	DIODE 1PS181-115	
D6519	8-719-081-97	DIODE MMDL914T1	
D6520	8-719-066-10	DIODE 1PS181-115	
		< FERRITE BEAD >	
FB3012	1-414-445-11	FERRITE 0UH	
FB3013	1-414-445-11	FERRITE 0UH	
FB3014	1-414-445-11	FERRITE 0UH	

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REF.NO.	PART.NO	DESCRIPTION	REMARK
FB3016	1-414-760-21	FERRITE	0UH
FB3046	1-414-445-11	FERRITE	0UH
FB3099	1-414-760-21	FERRITE	0UH
FB3241	1-414-760-21	FERRITE	0UH
FB3242	1-414-760-21	FERRITE	0UH
FB3243	1-414-760-21	FERRITE	0UH
FB3244	1-414-760-21	FERRITE	0UH
FB3245	1-414-760-21	FERRITE	0UH
FB5040	1-400-244-11	FERRITE	0UH
FB5041	1-400-244-11	FERRITE	0UH
FB5612	1-400-833-21	FERRITE	0UH
FB5613	1-400-833-21	FERRITE	0UH
FB5614	1-400-833-21	FERRITE	0UH
FB5615	1-400-833-21	FERRITE	0UH
FB5616	1-400-833-21	FERRITE	0UH
FB5617	1-400-833-21	FERRITE	0UH
FB5618	1-400-807-21	FERRITE	0UH
FB5619	1-400-807-21	FERRITE	0UH
FB5620	1-400-807-21	FERRITE	0UH
FB5621	1-400-807-21	FERRITE	0UH
FB5622	1-400-833-21	FERRITE	0UH
FB5623	1-400-833-21	FERRITE	0UH
FB5624	1-400-833-21	FERRITE	0UH
FB5630	1-469-869-21	FERRITE	0UH
FB5634	1-400-244-11	FERRITE	0UH
FB5635	1-400-244-11	FERRITE	0UH
FB5636	1-469-869-21	FERRITE	0UH
FB5637	1-469-869-21	FERRITE	0UH
FB5640	1-400-834-11	FERRITE	0UH
FB5646	1-400-834-11	FERRITE	0UH
FB5647	1-469-869-21	FERRITE	0UH
FB5680	1-400-244-11	FERRITE	0UH
FB5681	1-400-244-11	FERRITE	0UH
FB5750	1-469-869-21	FERRITE	0UH
FB5751	1-469-869-21	FERRITE	0UH
FB5780	1-400-244-11	FERRITE	0UH
FB5781	1-400-244-11	FERRITE	0UH
FB5782	1-400-244-11	FERRITE	0UH
FB5907	1-400-834-11	FERRITE	0UH
FB5908	1-400-834-11	FERRITE	0UH
FB5909	1-400-834-11	FERRITE	0UH
FB5910	1-400-834-11	FERRITE	0UH
FB5911	1-400-834-11	FERRITE	0UH
FB5912	1-400-834-11	FERRITE	0UH
FB5913	1-400-834-11	FERRITE	0UH
FB5914	1-400-834-11	FERRITE	0UH
FB5915	1-400-834-11	FERRITE	0UH
FB5916	1-400-244-11	FERRITE	0UH
FB5917	1-400-244-11	FERRITE	0UH
FB6500	1-469-324-21	FERRITE	0UH
FB6501	1-469-324-21	FERRITE	0UH
FB6502	1-469-775-21	FERRITE	0UH

< IC >

IC3001	6-706-419-01	IC LM393DT (A)	
IC3002	6-701-173-01	IC MC74LVXT4053DTR2	
IC3003	8-759-701-01	IC NJM2904M	
IC3004	6-704-573-01	IC M24C32-WMN6T(B)	
IC3005	6-703-175-01	IC PST3629UL	
IC3006	6-806-996-01	IC VCT6773FA	
IC3008	8-752-072-94	IC CXA1875AM-T4	
IC5040	8-753-264-52	IC CXD1968R-T6	
IC5630	6-709-214-01	IC UPD61123F1-100-KA3-A	
IC5680	6-705-336-01	IC K9F2808U0C-PCB0T	
IC5681	6-707-809-01	IC EDD1216AATA-6B-E	
IC5682	6-708-916-01	IC ICS7150MLFT	
IC5750	8-759-644-48	IC 74LVC541APW	
IC5751	8-759-644-48	IC 74LVC541APW	
IC5752	6-706-482-01	IC TC7SH00FU(T5RSOYJF)	
IC5753	8-759-644-48	IC 74LVC541APW	
IC5754	6-708-132-01	IC 74LVC14APW	
IC5755	8-759-644-48	IC 74LVC541APW	
IC5756	8-759-644-48	IC 74LVC541APW	
IC5757	8-759-644-48	IC 74LVC541APW	
IC5758	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC5759	8-759-298-91	IC 74LVT245PW-T	
IC5780	6-700-108-01	IC RV5C387A-E2-FB	
IC5781	6-703-271-01	IC TAR5S50(TE85R)	
IC5782	6-707-808-01	IC WM8727GED/RV	
IC5783	8-759-701-40	IC NJM3404AM-T1	
IC5784	6-706-106-01	IC NCP1117STAT3	
IC5785	6-708-603-01	IC PQ070XNA1ZPH	
IC5786	6-705-790-01	IC LM3525MX-H/J5000395	
IC6500	6-702-142-01	IC PQ1CY1032ZP	
IC6501	6-702-142-01	IC PQ1CY1032ZP	
IC6502	6-706-046-01	IC TK11185CSCL-G	
IC6503	6-702-142-01	IC PQ1CY1032ZP	
IC6505	6-709-932-01	IC MM3141CNRE	

< COIL >

L3005	1-400-180-21	FERRITE	0UH
L3350	1-412-990-41	INDUCTOR	8.2UH
L5040	1-469-842-21	INDUCTOR	0.47UH
L5041	1-412-058-11	INDUCTOR	10UH
L5042	1-412-058-11	INDUCTOR	10UH
L5043	1-412-058-11	INDUCTOR	10UH
L5044	1-412-058-11	INDUCTOR	10UH
L5045	1-412-058-11	INDUCTOR	10UH
L5046	1-412-058-11	INDUCTOR	10UH
L5630	1-414-398-11	INDUCTOR	10UH

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Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

BDT

REF.NO.	PART.NO	DESCRIPTION	REMARK
L6500	1-416-511-11	INDUCTOR 47UH	
L6501	1-416-511-11	INDUCTOR 47UH	
L6503	1-414-398-11	INDUCTOR 10UH	
L6504	1-424-976-21	INDUCTOR 47UH	
L6506	1-424-976-21	INDUCTOR 47UH	
L6508	1-424-922-21	INDUCTOR 10UH	
L6510	1-416-948-21	INDUCTOR 10UH	
L6511	1-424-922-21	INDUCTOR 10UH	
L6512	1-416-511-11	INDUCTOR 47UH	
L6514	1-412-026-11	INDUCTOR 1UH	
L6515	1-412-026-11	INDUCTOR 1UH	
L6516	1-412-026-11	INDUCTOR 1UH	
L6517	1-414-394-11	INDUCTOR 2.2UH	
L6518	1-412-026-11	INDUCTOR 1UH	
L6519	1-412-026-11	INDUCTOR 1UH	
L6520	1-412-026-11	INDUCTOR 1UH	
L6521	1-412-026-11	INDUCTOR 1UH	
L6522	1-412-026-11	INDUCTOR 1UH	
L6523	1-412-026-11	INDUCTOR 1UH	
L6524	1-412-026-11	INDUCTOR 1UH	
L6525	1-412-026-11	INDUCTOR 1UH	
L6526	1-414-394-11	INDUCTOR 2.2UH	
L6527	1-414-394-11	INDUCTOR 2.2UH	
L6528	1-412-026-11	INDUCTOR 1UH	
L6529	1-424-976-21	INDUCTOR 47UH	
L6530	1-424-976-21	INDUCTOR 47UH	
		< PROTECTOR MODULE >	
PS6500 ⚠	1-576-736-41	IC LINK 3.15A 24V	
PS6501 ⚠	1-576-736-41	IC LINK 3.15A 24V	
PS6502 ⚠	1-576-736-41	IC LINK 3.15A 24V	
		< TRANSISTOR >	
Q3000	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q3001	8-729-421-22	TRANSISTOR UN2211	
Q3002	8-729-927-99	TRANSISTOR 2SC4617R	
Q3004	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q3006	8-729-905-35	TRANSISTOR 2SC4081-R	
Q3007	6-550-549-01	TRANSISTOR DTC114EUAFT106	
Q3008	8-729-045-62	TRANSISTOR 2SK2158-T2B	
Q3009	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q3010	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q3011	8-729-045-62	TRANSISTOR 2SK2158-T2B	
Q3012	8-729-422-29	TRANSISTOR 2SD601A-S	
Q3013	8-729-422-29	TRANSISTOR 2SD601A-S	
Q3014	8-729-422-29	TRANSISTOR 2SD601A-S	
Q3015	8-729-422-29	TRANSISTOR 2SD601A-S	
Q3016	8-729-421-19	TRANSISTOR UN2213	
Q3017	8-729-050-10	TRANSISTOR PMBF170-215	
Q3020	8-729-905-35	TRANSISTOR 2SC4081-R	

REF.NO.	PART.NO	DESCRIPTION	REMARK
Q3300	8-729-010-05	TRANSISTOR MSB709-RT1	
Q3301	8-729-421-19	TRANSISTOR UN2213	
Q3350	8-729-010-05	TRANSISTOR MSB709-RT1	
Q3351	8-729-010-29	TRANSISTOR MSD601-RST1	
Q5780	8-729-010-05	TRANSISTOR MSB709-RT1	
Q5920	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q5921	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q5922	8-729-028-86	TRANSISTOR DTA143EUA-T106	
Q5923	8-729-907-00	TRANSISTOR DTC114EU	
Q6500	8-729-421-22	TRANSISTOR UN2211	
Q6501	8-729-421-22	TRANSISTOR UN2211	
Q6502	8-729-421-22	TRANSISTOR UN2211	
Q6503	8-729-010-25	TRANSISTOR MSD601-RT1	
Q6504	8-729-421-22	TRANSISTOR UN2211	
Q6505	8-729-010-25	TRANSISTOR MSD601-RT1	
Q6506	8-729-010-25	TRANSISTOR MSD601-RT1	
Q6507	8-729-010-25	TRANSISTOR MSD601-RT1	
Q6509	8-729-046-04	TRANSISTOR FDS6690A	
Q6510	8-729-421-22	TRANSISTOR UN2211	
Q6511	8-729-421-22	TRANSISTOR UN2211	
Q6512	6-550-369-01	TRANSISTOR TPC8109(TE12L)	
Q6513	6-550-369-01	TRANSISTOR TPC8109(TE12L)	
Q6514	8-729-010-05	TRANSISTOR MSB709-RT1	
Q6515	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q6555	8-729-010-25	TRANSISTOR MSD601-RT1	
		< RESISTOR >	
JR5600	1-216-295-91	SHORT CHIP 0	
JR5601	1-218-990-81	SHORT CHIP 0	
JR5602	1-218-990-81	SHORT CHIP 0	
R3001	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3002	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R3006	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3007	1-216-805-11	METAL CHIP 47 5% 1/10W	
R3009	1-216-805-11	METAL CHIP 47 5% 1/10W	
R3010	1-216-805-11	METAL CHIP 47 5% 1/10W	
R3011	1-216-805-11	METAL CHIP 47 5% 1/10W	
R3015	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R3016	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R3019	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3020	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R3021	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3022	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3023	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3024	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3026	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3027	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3028	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3029	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R3030	1-216-833-11	METAL CHIP 10K 5% 1/10W	

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REF.NO.	PART.NO	DESCRIPTION			REMARK
R3032	1-216-849-11	METAL CHIP	220K	5%	1/10W
R3034	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R3035	1-216-864-11	SHORT CHIP	0		
R3036	1-216-864-11	SHORT CHIP	0		
R3037	1-216-864-11	SHORT CHIP	0		
R3038	1-216-864-11	SHORT CHIP	0		
R3039	1-216-864-11	SHORT CHIP	0		
R3040	1-218-891-11	METAL CHIP	68K	0.5%	1/10W
R3042	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3043	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3044	1-216-817-11	METAL CHIP	470	5%	1/10W
R3045	1-216-864-11	SHORT CHIP	0		
R3046	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3048	1-216-864-11	SHORT CHIP	0		
R3049	1-216-864-11	SHORT CHIP	0		
R3050	1-216-864-11	SHORT CHIP	0		
R3051	1-216-864-11	SHORT CHIP	0		
R3052	1-216-864-11	SHORT CHIP	0		
R3053	1-216-864-11	SHORT CHIP	0		
R3054	1-216-864-11	SHORT CHIP	0		
R3057	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3059	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3061	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3062	1-216-809-11	METAL CHIP	100	5%	1/10W
R3064	1-216-809-11	METAL CHIP	100	5%	1/10W
R3067	1-216-809-11	METAL CHIP	100	5%	1/10W
R3068	1-216-809-11	METAL CHIP	100	5%	1/10W
R3069	1-216-809-11	METAL CHIP	100	5%	1/10W
R3071	1-216-809-11	METAL CHIP	100	5%	1/10W
R3073	1-216-809-11	METAL CHIP	100	5%	1/10W
R3074	1-216-809-11	METAL CHIP	100	5%	1/10W
R3075	1-216-809-11	METAL CHIP	100	5%	1/10W
R3076	1-216-809-11	METAL CHIP	100	5%	1/10W
R3077	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3078	1-216-809-11	METAL CHIP	100	5%	1/10W
R3079	1-216-864-11	SHORT CHIP	0		
R3080	1-216-864-11	SHORT CHIP	0		
R3081	1-216-864-11	SHORT CHIP	0		
R3084	1-216-864-11	SHORT CHIP	0		
R3085	1-216-864-11	SHORT CHIP	0		
R3087	1-216-864-11	SHORT CHIP	0		
R3088	1-216-864-11	SHORT CHIP	0		
R3089	1-216-809-11	METAL CHIP	100	5%	1/10W
R3090	1-216-809-11	METAL CHIP	100	5%	1/10W
R3091	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3092	1-216-864-11	SHORT CHIP	0		
R3093	1-216-864-11	SHORT CHIP	0		
R3094	1-216-864-11	SHORT CHIP	0		
R3095	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R3096	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3097	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3098	1-216-864-11	SHORT CHIP	0		
R3100	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3101	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3103	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3104	1-216-864-11	SHORT CHIP	0		
R3105	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3107	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3109	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3111	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3113	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3114	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3115	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3116	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3117	1-216-864-11	SHORT CHIP	0		
R3119	1-216-864-11	SHORT CHIP	0		
R3121	1-216-864-11	SHORT CHIP	0		
R3124	1-216-864-11	SHORT CHIP	0		
R3140	1-216-809-11	METAL CHIP	100	5%	1/10W
R3142	1-216-809-11	METAL CHIP	100	5%	1/10W
R3146	1-216-864-11	SHORT CHIP	0		
R3147	1-216-864-11	SHORT CHIP	0		
R3150	1-216-809-11	METAL CHIP	100	5%	1/10W
R3156	1-216-817-11	METAL CHIP	470	5%	1/10W
R3159	1-216-817-11	METAL CHIP	470	5%	1/10W
R3160	1-216-864-11	SHORT CHIP	0		
R3161	1-216-864-11	SHORT CHIP	0		
R3163	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3167	1-216-809-11	METAL CHIP	100	5%	1/10W
R3175	1-216-864-11	SHORT CHIP	0		
R3177	1-216-809-11	METAL CHIP	100	5%	1/10W
R3178	1-216-809-11	METAL CHIP	100	5%	1/10W
R3180	1-216-809-11	METAL CHIP	100	5%	1/10W
R3181	1-216-809-11	METAL CHIP	100	5%	1/10W
R3182	1-216-809-11	METAL CHIP	100	5%	1/10W
R3183	1-216-809-11	METAL CHIP	100	5%	1/10W
R3184	1-216-809-11	METAL CHIP	100	5%	1/10W
R3185	1-216-809-11	METAL CHIP	100	5%	1/10W
R3186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3187	1-216-809-11	METAL CHIP	100	5%	1/10W
R3188	1-216-864-11	SHORT CHIP	0		
R3190	1-216-864-11	SHORT CHIP	0		
R3191	1-216-864-11	SHORT CHIP	0		
R3192	1-216-864-11	SHORT CHIP	0		
R3193	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3195	1-216-864-11	SHORT CHIP	0		
R3198	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3201	1-216-864-11	SHORT CHIP	0		
R3202	1-216-864-11	SHORT CHIP	0		

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REF.NO.	PART.NO	DESCRIPTION			REMARK
R3203	1-216-864-11	SHORT CHIP	0		
R3204	1-216-864-11	SHORT CHIP	0		
R3209	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3212	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3213	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3215	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R3216	1-216-864-11	SHORT CHIP	0		
R3219	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3220	1-216-864-11	SHORT CHIP	0		
R3221	1-216-864-11	SHORT CHIP	0		
R3222	1-216-809-11	METAL CHIP	100	5%	1/10W
R3224	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R3225	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3229	1-216-864-11	SHORT CHIP	0		
R3230	1-216-864-11	SHORT CHIP	0		
R3231	1-216-864-11	SHORT CHIP	0		
R3232	1-216-864-11	SHORT CHIP	0		
R3233	1-216-864-11	SHORT CHIP	0		
R3236	1-216-864-11	SHORT CHIP	0		
R3237	1-216-864-11	SHORT CHIP	0		
R3240	1-216-817-11	METAL CHIP	470	5%	1/10W
R3246	1-216-864-11	SHORT CHIP	0		
R3247	1-216-843-11	METAL CHIP	68K	5%	1/10W
R3248	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3249	1-216-817-11	METAL CHIP	470	5%	1/10W
R3250	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3251	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3252	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3253	1-216-864-11	SHORT CHIP	0		
R3255	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3256	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3257	1-218-990-81	SHORT CHIP	0		
R3259	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3260	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3261	1-216-864-11	SHORT CHIP	0		
R3262	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3263	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3264	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3265	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3266	1-216-817-11	METAL CHIP	470	5%	1/10W
R3267	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3268	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3269	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3270	1-216-864-11	SHORT CHIP	0		
R3271	1-216-864-11	SHORT CHIP	0		
R3272	1-216-864-11	SHORT CHIP	0		
R3273	1-216-864-11	SHORT CHIP	0		
R3274	1-216-864-11	SHORT CHIP	0		
R3275	1-216-864-11	SHORT CHIP	0		
R3276	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R3277	1-216-864-11	SHORT CHIP	0		
R3278	1-216-864-11	SHORT CHIP	0		
R3279	1-216-864-11	SHORT CHIP	0		
R3280	1-216-864-11	SHORT CHIP	0		
R3281	1-216-864-11	SHORT CHIP	0		
R3282	1-216-864-11	SHORT CHIP	0		
R3283	1-216-864-11	SHORT CHIP	0		
R3284	1-216-864-11	SHORT CHIP	0		
R3285	1-216-864-11	SHORT CHIP	0		
R3286	1-216-864-11	SHORT CHIP	0		
R3287	1-216-864-11	SHORT CHIP	0		
R3288	1-216-864-11	SHORT CHIP	0		
R3289	1-216-864-11	SHORT CHIP	0		
R3290	1-216-864-11	SHORT CHIP	0		
R3291	1-216-864-11	SHORT CHIP	0		
R3292	1-216-864-11	SHORT CHIP	0		
R3293	1-216-809-11	METAL CHIP	100	5%	1/10W
R3295	1-216-864-11	SHORT CHIP	0		
R3296	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3297	1-216-809-11	METAL CHIP	100	5%	1/10W
R3298	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3299	1-216-813-11	METAL CHIP	220	5%	1/10W
R3300	1-216-817-11	METAL CHIP	470	5%	1/10W
R3301	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3302	1-216-849-11	METAL CHIP	220K	5%	1/10W
R3303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3304	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3310	1-216-809-11	METAL CHIP	100	5%	1/10W
R3311	1-216-809-11	METAL CHIP	100	5%	1/10W
R3320	1-216-864-11	SHORT CHIP	0		
R3321	1-216-864-11	SHORT CHIP	0		
R3350	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3351	1-216-805-11	METAL CHIP	47	5%	1/10W
R3352	1-216-864-11	SHORT CHIP	0		
R3355	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3356	1-216-864-11	SHORT CHIP	0		
R3370	1-216-864-11	SHORT CHIP	0		
R3371	1-216-864-11	SHORT CHIP	0		
R3372	1-216-864-11	SHORT CHIP	0		
R3373	1-216-864-11	SHORT CHIP	0		
R3387	1-216-864-11	SHORT CHIP	0		
R3388	1-216-864-11	SHORT CHIP	0		
R3389	1-216-864-11	SHORT CHIP	0		
R3392	1-216-809-11	METAL CHIP	100	5%	1/10W
R3393	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3394	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3395	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3396	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3397	1-216-809-11	METAL CHIP	100	5%	1/10W

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REF.NO.	PART.NO	DESCRIPTION			REMARK
R5040	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5041	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5043	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5044	1-218-941-81	RES-CHIP	100	5%	1/16W
R5045	1-218-941-81	RES-CHIP	100	5%	1/16W
R5046	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5049	1-218-989-11	RES-CHIP	1M	5%	1/16W
R5050	1-218-941-81	RES-CHIP	100	5%	1/16W
R5051	1-218-941-81	RES-CHIP	100	5%	1/16W
R5053	1-218-937-11	RES-CHIP	47	5%	1/16W
R5054	1-218-941-81	RES-CHIP	100	5%	1/16W
R5055	1-218-941-81	RES-CHIP	100	5%	1/16W
R5056	1-216-864-11	SHORT CHIP	0		
R5057	1-218-941-81	RES-CHIP	100	5%	1/16W
R5058	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5060	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5061	1-218-941-81	RES-CHIP	100	5%	1/16W
R5062	1-218-941-81	RES-CHIP	100	5%	1/16W
R5063	1-218-941-81	RES-CHIP	100	5%	1/16W
R5064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5625	1-218-990-81	SHORT CHIP	0		
R5626	1-218-990-81	SHORT CHIP	0		
R5629	1-218-990-81	SHORT CHIP	0		
R5630	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5631	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5632	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5633	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5634	1-218-941-81	RES-CHIP	100	5%	1/16W
R5635	1-218-941-81	RES-CHIP	100	5%	1/16W
R5636	1-218-941-81	RES-CHIP	100	5%	1/16W
R5637	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5638	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5639	1-218-941-81	RES-CHIP	100	5%	1/16W
R5640	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5641	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5644	1-218-941-81	RES-CHIP	100	5%	1/16W
R5645	1-218-941-81	RES-CHIP	100	5%	1/16W
R5646	1-218-941-81	RES-CHIP	100	5%	1/16W
R5647	1-218-941-81	RES-CHIP	100	5%	1/16W
R5649	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5652	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5653	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5654	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5655	1-218-937-11	RES-CHIP	47	5%	1/16W
R5656	1-218-937-11	RES-CHIP	47	5%	1/16W
R5657	1-218-937-11	RES-CHIP	47	5%	1/16W
R5661	1-218-937-11	RES-CHIP	47	5%	1/16W
R5663	1-220-174-11	RES-CHIP	200	5%	1/16W
R5664	1-220-174-11	RES-CHIP	200	5%	1/16W
R5665	1-220-174-11	RES-CHIP	200	5%	1/16W
R5666	1-220-174-11	RES-CHIP	200	5%	1/16W
R5667	1-220-174-11	RES-CHIP	200	5%	1/16W
R5668	1-220-174-11	RES-CHIP	200	5%	1/16W
R5669	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R5671	1-208-679-11	METAL CHIP	680	0.5%	1/16W
R5673	1-218-990-81	SHORT CHIP	0		
R5674	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R5676	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5678	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5681	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5683	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5684	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5686	1-218-949-11	RES-CHIP	470	5%	1/16W
R5687	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5689	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5691	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5693	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5695	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5697	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5699	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5701	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5703	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5706	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5707	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5710	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5712	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5714	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5715	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5717	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5720	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5722	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5723	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5726	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5727	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5729	1-218-939-11	RES-CHIP	68	5%	1/16W
R5730	1-218-941-11	RES-CHIP	100	5%	1/16W
R5731	1-218-941-11	RES-CHIP	100	5%	1/16W
R5732	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5733	1-218-937-11	RES-CHIP	47	5%	1/16W
R5734	1-218-939-11	RES-CHIP	68	5%	1/16W
R5735	1-218-941-81	RES-CHIP	100	5%	1/16W
R5736	1-218-941-81	RES-CHIP	100	5%	1/16W
R5737	1-218-941-81	RES-CHIP	100	5%	1/16W
R5738	1-218-941-81	RES-CHIP	100	5%	1/16W
R5739	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5740	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5744	1-218-949-11	RES-CHIP	470	5%	1/16W
R5745	1-218-949-11	RES-CHIP	470	5%	1/16W
R5750	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5751	1-218-965-11	RES-CHIP	10K	5%	1/16W

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REF.NO.	PART.NO	DESCRIPTION			REMARK
R5752	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5753	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5754	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5755	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5756	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5757	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5758	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5759	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5760	1-218-941-81	RES-CHIP	100	5%	1/16W
R5761	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5763	1-218-941-81	RES-CHIP	100	5%	1/16W
R5764	1-218-941-81	RES-CHIP	100	5%	1/16W
R5780	1-216-809-11	METAL CHIP	100	5%	1/10W
R5781	1-216-809-11	METAL CHIP	100	5%	1/10W
R5782	1-218-945-11	RES-CHIP	220	5%	1/16W
R5783	1-216-809-11	METAL CHIP	100	5%	1/10W
R5784	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5786	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R5789	1-216-813-11	METAL CHIP	220	5%	1/10W
R5791	1-218-990-81	SHORT CHIP	0		
R5792	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5793	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5794	1-218-972-11	RES-CHIP	39K	5%	1/16W
R5795	1-218-972-11	RES-CHIP	39K	5%	1/16W
R5796	1-218-968-11	RES-CHIP	18K	5%	1/16W
R5797	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5798	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5799	1-218-968-11	RES-CHIP	18K	5%	1/16W
R5800	1-218-967-11	RES-CHIP	15K	5%	1/16W
R5801	1-218-967-11	RES-CHIP	15K	5%	1/16W
R5802	1-218-968-11	RES-CHIP	18K	5%	1/16W
R5803	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5804	1-218-968-11	RES-CHIP	18K	5%	1/16W
R5805	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5806	1-220-174-11	RES-CHIP	200	5%	1/16W
R5807	1-218-941-81	RES-CHIP	100	5%	1/16W
R5808	1-218-941-81	RES-CHIP	100	5%	1/16W
R5809	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5810	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5811	1-218-935-11	RES-CHIP	33	5%	1/16W
R5812	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5813	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5814	1-218-990-81	SHORT CHIP	0		
R5840	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5843	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5845	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5847	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5861	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5862	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5863	1-218-990-81	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R5864	1-218-990-81	SHORT CHIP	0		
R5865	1-218-990-81	SHORT CHIP	0		
R5884	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5885	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5886	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5887	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5888	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5889	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5890	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5891	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5892	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5893	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5895	1-218-941-81	RES-CHIP	100	5%	1/16W
R5896	1-218-941-81	RES-CHIP	100	5%	1/16W
R5897	1-218-941-81	RES-CHIP	100	5%	1/16W
R5902	1-218-941-81	RES-CHIP	100	5%	1/16W
R5903	1-218-941-81	RES-CHIP	100	5%	1/16W
R5904	1-218-941-81	RES-CHIP	100	5%	1/16W
R5905	1-218-941-81	RES-CHIP	100	5%	1/16W
R5906	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5923	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5925	1-216-864-11	SHORT CHIP	0		
R5927	1-216-864-11	SHORT CHIP	0		
R5930	1-218-941-81	RES-CHIP	100	5%	1/16W
R5950	1-218-990-81	SHORT CHIP	0		
R5951	1-218-990-81	SHORT CHIP	0		
R5954	1-218-939-11	RES-CHIP	68	5%	1/16W
R5955	1-218-939-11	RES-CHIP	68	5%	1/16W
R5956	1-218-939-11	RES-CHIP	68	5%	1/16W
R5957	1-218-939-11	RES-CHIP	68	5%	1/16W
R5958	1-218-939-11	RES-CHIP	68	5%	1/16W
R5959	1-218-939-11	RES-CHIP	68	5%	1/16W
R6500	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6501	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6502	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6508	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6511	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6512	1-216-864-11	SHORT CHIP	0		
R6513	1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R6514	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R6515	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R6516	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R6521	1-218-860-11	METAL CHIP	3.6K	0.5%	1/10W
R6522	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R6523	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R6524	1-218-850-11	METAL CHIP	1.3K	0.5%	1/10W
R6526	1-216-864-11	SHORT CHIP	0		
R6528	1-216-864-11	SHORT CHIP	0		
R6539	1-216-847-11	METAL CHIP	150K	5%	1/10W

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REF.NO.	PART.NO	DESCRIPTION	REMARK
R6540	1-216-839-11	METAL CHIP 33K 5%	1/10W
R6542	1-216-847-11	METAL CHIP 150K 5%	1/10W
R6543	1-216-837-11	METAL CHIP 22K 5%	1/10W
R6547	1-216-833-11	METAL CHIP 10K 5%	1/10W
R6548	1-216-833-11	METAL CHIP 10K 5%	1/10W
R6549	1-216-833-11	METAL CHIP 10K 5%	1/10W
R6550	1-216-864-11	SHORT CHIP 0	
R6551	1-216-833-11	METAL CHIP 10K 5%	1/10W
R6552	1-216-864-11	SHORT CHIP 0	
R6569	1-216-833-11	METAL CHIP 10K 5%	1/10W
R6570	1-216-821-11	METAL CHIP 1K 5%	1/10W
R6572	1-216-833-11	METAL CHIP 10K 5%	1/10W
R6573	1-216-833-11	METAL CHIP 10K 5%	1/10W
R6574	1-216-797-11	METAL CHIP 10 5%	1/10W
R6575	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
R6577	1-216-864-11	SHORT CHIP 0	
R6578	1-216-864-11	SHORT CHIP 0	
R6581	1-216-864-11	SHORT CHIP 0	
R6582	1-216-833-11	METAL CHIP 10K 5%	1/10W
R6596	1-216-837-11	METAL CHIP 22K 5%	1/10W
R6700	1-216-809-11	METAL CHIP 100 5%	1/10W
R9032	1-216-864-11	SHORT CHIP 0	
R9034	1-218-965-11	RES-CHIP 10K 5%	1/16W
		< RESISTOR CHIP >	
RB3000	1-233-576-11	RES, CHIP NETWORK 100	(3216)
RB3001	1-233-576-11	RES, CHIP NETWORK 100	(3216)
RB3002	1-233-576-11	RES, CHIP NETWORK 100	(3216)
RB3003	1-233-576-11	RES, CHIP NETWORK 100	(3216)
RB3004	1-233-576-11	RES, CHIP NETWORK 100	(3216)
RB3005	1-233-576-11	RES, CHIP NETWORK 100	(3216)
RB5040	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5041	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5680	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5681	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5682	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5683	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5684	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5685	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5686	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5687	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5688	1-234-702-11	RES, NETWORK 68	(1005X4)
		< SWITCH >	
S3000	1-572-921-11	SWITCH, KEY BOARD	
S3001	1-572-921-11	SWITCH, KEY BOARD	
		< CRYSTAL >	
X3000	1-813-531-11	OSCILLATOR, CRYSTAL UNIT	
X5040	1-813-547-11	QUARTZ CRYSTAL UNIT	
X5680	1-813-055-11	QUARTZ CRYSTAL UNIT	
X5780	1-781-696-31	VIBRATOR, CRYSTAL	

***A-1204-490-A DC Board, Complete KDL-15G2000**
***A-1204-506-A DC Board, Complete KDL-20G2000**

DC Board, Common parts

	2-409-877-21	WASHER (3X10), RS TITE SPRING		
		< CAPACITOR >		
C6001	1-126-941-11	ELECT	470UF	20.00% 25V
C6002	1-126-941-11	ELECT	470UF	20.00% 25V
C6003	1-104-665-11	ELECT	100UF	20.00% 25V
C6004	1-126-942-61	ELECT	1000UF	20.00% 25V
C6006	1-162-974-11	CERAMIC CHIP	0.01UF	50V
C6007	1-126-941-11	ELECT	470UF	20.00% 25V
C6008	1-126-941-11	ELECT	470UF	20.00% 25V
C6009	1-126-941-11	ELECT	470UF	20.00% 25V
C6010	1-126-941-11	ELECT	470UF	20.00% 25V
C6011	1-126-941-11	ELECT	470UF	20.00% 25V
C6012	1-126-941-11	ELECT	470UF	20.00% 25V
C6013	1-115-339-11	CERAMIC CHIP	0.1UF	10.00% 50V
C6014	1-162-970-11	CERAMIC CHIP	0.01UF	10.00% 25V
C6016	1-100-911-11	CERAMIC CHIP	4.7UF	10% 25V
C6017	1-135-372-31	ELECT	470UF	20% 10V
C6020	1-100-566-91	CERAMIC CHIP	0.1UF	10.00% 25V
C6021	1-100-566-91	CERAMIC CHIP	0.1UF	10.00% 25V
C6022	1-128-951-31	ELECT	2200UF	20% 16V
C6023	1-126-935-11	ELECT	470UF	20.00% 16V
C6025	1-126-941-11	ELECT	470UF	20.00% 25V
C6026	1-126-947-11	ELECT	47UF	20.00% 35V
C6027	1-100-566-91	CERAMIC CHIP	0.1UF	10.00% 25V
C6028	1-162-995-11	CERAMIC CHIP	0.022UF	50V
C6029	1-126-963-11	ELECT	4.7UF	20.00% 50V
C6030	1-126-967-11	ELECT	47UF	20.00% 50V
C6031	1-127-861-11	CERAMIC CHIP	2.2UF	10% 16V
C6032	1-107-826-11	CERAMIC CHIP	0.1UF	10.00% 16V
C6035	1-162-970-11	CERAMIC CHIP	0.01UF	10.00% 25V
C6300	1-164-230-11	CERAMIC CHIP	220PF	5.00% 50V
C6301	1-126-960-11	ELECT	1UF	20.00% 50V
C6302	1-164-230-11	CERAMIC CHIP	220PF	5.00% 50V
C6303	1-126-960-11	ELECT	1UF	20.00% 50V
C6304	1-104-666-11	ELECT	220UF	20.00% 25V
C6306	1-164-489-11	CERAMIC CHIP	0.22UF	10.00% 16V
C6307	1-115-339-11	CERAMIC CHIP	0.1UF	10.00% 50V
C6308	1-126-952-11	ELECT	1000UF	20.00% 35V
C6309	1-126-952-11	ELECT	1000UF	20.00% 35V
C6310	1-164-227-11	CERAMIC CHIP	0.022UF	10.00% 25V
C6311	1-164-227-11	CERAMIC CHIP	0.022UF	10.00% 25V

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Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

DC

REF.NO.		PART.NO	DESCRIPTION	REMARK
C6312		1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6313		1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6316		1-107-907-11	ELECT 22UF	20% 50V
			< CONNECTOR >	
CN6001		*1-564-507-11	PLUG, CONNECTOR 4P	
CN6002		*1-816-977-51	PLUG, CONNECTOR 6P	
CN6003		*1-793-235-11	PIN, CONNECTOR (PC BOARD) 13P	
CN6300		*1-564-507-11	PLUG, CONNECTOR 4P	
			< DIODE >	
D6000		8-719-049-38	DIODE 1N5404TU	
D6001		8-719-074-75	DIODE PTZ-TE25-30B	
D6002		8-719-081-67	DIODE M1FM3	
D6003		8-719-081-67	DIODE M1FM3	
D6004		8-719-081-97	DIODE MMDL914T1	
D6005		8-719-081-34	DIODE RB160M-30TR	
D6006		8-719-081-97	DIODE MMDL914T1	
D6007		8-719-080-41	DIODE RB063L-30TE25	
D6009		6-500-295-01	DIODE PTZ-TE25-5.6B	
D6300		8-719-069-55	DIODE UDZSTE-175.6B	
D6302		8-719-069-55	DIODE UDZSTE-175.6B	
			< FUSE >	
F6000	⚠	1-576-300-51	FUSE 8A	250V
F6001	⚠	1-576-233-51	FUSE 6.3A	250V
FH6000	⚠	1-533-725-11	FUSE HOLDER	
FH6001	⚠	1-533-725-11	FUSE HOLDER	
			< FERRITE BEAD >	
FB6000		1-414-864-11	FERRITE 0UH	
FB6001		1-469-324-21	FERRITE 0UH	
			< IC >	
IC6000		6-706-191-01	IC BD9701FP-E2	
IC6001		6-702-142-01	IC PQ1CY1032ZP	
IC6002		8-749-925-00	IC TK11819MTL	
IC6003		8-759-159-44	IC PST575IMT-T1	
IC6300		8-759-831-57	IC TDA7495S	
			< COIL >	
L6002		1-457-154-11	INDUCTOR 10UH	
L6003		1-457-154-11	INDUCTOR 10UH	
L6005		1-411-436-21	INDUCTOR 47UH	
L6006		1-411-436-21	INDUCTOR 47UH	
L6007		1-411-436-21	INDUCTOR 47UH	
L6008		1-419-703-21	INDUCTOR 100UH	
L6009		1-419-536-11	INDUCTOR 47UH	
L6010		1-406-665-11	INDUCTOR 100UH	
L6011		1-406-975-21	INDUCTOR 47UH	
L6012		1-410-120-11	INDUCTOR 1.2MH	

REF.NO.		PART.NO	DESCRIPTION	REMARK
			< PROTECTOR MODULE >	
PS6001	⚠	1-576-736-41	IC LINK 3.15A	24V
PS6002	⚠	1-576-736-41	IC LINK 3.15A	24V
PS6003	⚠	1-576-736-41	IC LINK 3.15A	24V
			< TRANSISTOR >	
Q6001		8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q6002		8-729-010-25	TRANSISTOR MSD601-RT1	
Q6004		8-729-010-05	TRANSISTOR MSB709-RT1	
Q6005		6-550-549-01	TRANSISTOR DTC114EUAFT106	
Q6006		8-729-010-25	TRANSISTOR MSD601-RT1	
Q6302		8-729-010-29	TRANSISTOR MSD601-RST1	
Q6303		8-729-010-05	TRANSISTOR MSB709-RT1	
			< RESISTOR >	
JR6004		1-216-864-11	SHORT CHIP 0	
JR6005		1-216-864-11	SHORT CHIP 0	
JR6006		1-216-864-11	SHORT CHIP 0	
JR6007		1-216-864-11	SHORT CHIP 0	
JR6313		1-216-295-91	SHORT CHIP 0	
JR6314		1-216-295-91	SHORT CHIP 0	
JR6315		1-216-295-91	SHORT CHIP 0	
JR6316		1-216-295-91	SHORT CHIP 0	
JR6317		1-216-864-11	SHORT CHIP 0	
JR6318		1-216-864-11	SHORT CHIP 0	
R6001		1-216-295-91	SHORT CHIP 0	
R6002		1-216-864-11	SHORT CHIP 0	
R6003		1-216-864-11	SHORT CHIP 0	
R6004		1-216-833-11	METAL CHIP 10K 5%	1/10W
R6008		1-216-833-11	METAL CHIP 10K 5%	1/10W
R6009		1-218-862-11	METAL CHIP 4.3K 0.5%	1/10W
R6010		1-218-847-11	METAL CHIP 1K 0.5%	1/10W
R6014		1-218-871-11	METAL CHIP 10K 0.5%	1/10W
R6016		1-218-889-11	METAL CHIP 56K 0.5%	1/10W
R6017		1-218-847-11	METAL CHIP 1K 0.5%	1/10W
R6018		1-216-821-11	METAL CHIP 1K 5%	1/10W
R6019		1-216-295-91	SHORT CHIP 0	
R6021		1-216-864-11	SHORT CHIP 0	
R6022		1-218-859-11	METAL CHIP 3.3K 0.5%	1/10W
R6024		1-218-847-11	METAL CHIP 1K 0.5%	1/10W
R6025		1-216-864-11	SHORT CHIP 0	
R6026		1-216-833-11	METAL CHIP 10K 5%	1/10W
R6027		1-218-867-11	METAL CHIP 6.8K 0.5%	1/10W
R6028		1-216-295-91	SHORT CHIP 0	
R6029		1-216-845-11	METAL CHIP 100K 5%	1/10W
R6030		1-216-295-91	SHORT CHIP 0	
R6031		1-218-895-11	METAL CHIP 100K 0.5%	1/10W
R6033		1-216-833-11	METAL CHIP 10K 5%	1/10W
R6036		1-216-843-11	METAL CHIP 68K 5%	1/10W

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REF.NO.	PART.NO	DESCRIPTION	REMARK
R6304	1-208-834-11	METAL CHIP 150K 0.5% 1/10W	
R6306	1-208-834-11	METAL CHIP 150K 0.5% 1/10W	
R6308	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R6309	1-216-049-11	RES-CHIP 1K 5% 1/10W	
R6313	1-216-864-11	SHORT CHIP 0	
R6314	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R6315	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R6316	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R6317	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6318	1-216-833-11	METAL CHIP 10K 5% 1/10W	

DC Board, Variant Parts KDL-15G2000

< CONNECTOR >

CN6000	NOT FITTED		

< SOCKET >

J6000	10820-734-11	UNIFIED POLARITY TYPE DC JACK	

DC Board, Variant Parts KDL-20G2000

< CONNECTOR >

CN6000	*1-820-820-11	JACK, DC	

< SOCKET >

J6000	NOT FITTED		

A-1204-488-A BDT Board, Complete KDL-15G2000 only

< CAPACITOR >

C3001	1-125-891-11	CERAMIC CHIP 0.47UF	10.00%	10V
C3002	1-125-891-11	CERAMIC CHIP 0.47UF	10.00%	10V
C3003	1-125-891-11	CERAMIC CHIP 0.47UF	10.00%	10V
C3005	1-125-891-11	CERAMIC CHIP 0.47UF	10.00%	10V
C3007	1-164-156-11	CERAMIC CHIP 0.1UF		25V
C3008	1-126-205-11	ELECT CHIP 47UF	20.00%	6.3V
C3009	1-164-156-11	CERAMIC CHIP 0.1UF		25V
C3010	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3011	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3012	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3013	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3014	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3016	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3017	1-126-205-11	ELECT CHIP 47UF	20.00%	6.3V
C3018	1-164-156-11	CERAMIC CHIP 0.1UF		25V
C3019	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3020	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3021	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3022	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3023	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3024	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3025	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3026	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3027	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3031	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3032	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3033	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3035	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3040	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3041	1-127-715-91	CERAMIC CHIP 0.22UF	10%	16V
C3042	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3043	1-126-394-11	ELECT CHIP 10UF	20.00%	16V
C3044	1-127-715-91	CERAMIC CHIP 0.22UF	10%	16V
C3045	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3048	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00%	50V
C3049	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00%	50V
C3050	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3051	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3052	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00%	50V
C3053	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00%	50V
C3054	1-164-004-11	CERAMIC CHIP 0.1UF	10.00%	25V
C3055	1-124-779-00	ELECT CHIP 10UF	20.00%	16V
C3056	1-164-004-11	CERAMIC CHIP 0.1UF	10.00%	25V
C3057	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3058	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3059	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3060	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3061	1-162-962-11	CERAMIC CHIP 470PF	10.00%	50V
C3063	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3065	1-126-396-11	ELECT CHIP 47UF	20.00%	16V
C3068	1-162-964-11	CERAMIC CHIP 0.001UF	10.00%	50V
C3069	1-162-970-11	CERAMIC CHIP 0.01UF	10.00%	25V
C3070	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3071	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3072	1-117-681-11	ELECT CHIP 100UF	20.00%	16V
C3073	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3074	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3075	1-162-917-11	CERAMIC CHIP 15PF	5.00%	50V
C3076	1-162-917-11	CERAMIC CHIP 15PF	5.00%	50V
C3078	1-100-566-91	CERAMIC CHIP 0.1UF	10.00%	25V
C3080	1-162-970-11	CERAMIC CHIP 0.01UF	10.00%	25V
C3081	1-164-230-11	CERAMIC CHIP 220PF	5.00%	50V
C3082	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V
C3083	1-165-908-11	CERAMIC CHIP 1UF	10%	10V
C3085	1-165-908-11	CERAMIC CHIP 1UF	10%	10V
C3086	1-126-390-11	ELECT CHIP 22UF	20.00%	6.3V
C3089	1-162-927-11	CERAMIC CHIP 100PF	5.00%	50V
C3090	1-162-970-11	CERAMIC CHIP 0.01UF	10.00%	25V
C3092	1-127-760-11	CERAMIC CHIP 4.7UF	10%	6.3V
C3093	1-162-970-11	CERAMIC CHIP 0.01UF	10.00%	25V

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REF.NO.	PART.NO	DESCRIPTION	REMARK
C3094	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3095	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3096	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3097	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C3114	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C3115	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3116	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C3131	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C3200	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C3201	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C3300	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C3301	1-164-388-91	CERAMIC CHIP 270PF	5.00% 50V
C3302	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C3303	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C3350	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V
C3353	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C3354	1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V
C3355	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C4000	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5040	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5041	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5042	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C5043	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5044	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C5045	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C5046	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C5047	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5048	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5049	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5050	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5051	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5052	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5054	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5055	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5056	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5057	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5058	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5059	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5060	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5061	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C5062	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C5063	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5064	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5065	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5066	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5067	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C5068	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5069	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5070	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5071	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5072	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5073	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5630	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5631	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5632	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5633	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5634	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5635	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5636	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5637	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5638	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5641	1-100-506-91	CERAMIC CHIP 1UF	20.00% 6.3V
C5642	1-100-506-91	CERAMIC CHIP 1UF	20.00% 6.3V
C5646	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5650	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5651	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5652	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5653	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5654	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5655	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5656	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5660	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5661	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5662	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5663	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5664	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5665	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5666	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5667	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5668	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5669	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5670	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5671	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5672	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5673	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5674	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C5675	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C5680	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5682	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5683	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5684	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5685	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5686	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5689	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5690	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5691	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5692	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5693	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5695	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5696	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V

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REF.NO.	PART.NO	DESCRIPTION	REMARK
C5697	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5698	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5699	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5700	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5701	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5702	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5703	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C5750	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5751	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5752	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5753	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5754	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5755	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5756	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5757	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5758	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5759	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5760	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5761	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5762	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5763	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5764	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5765	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5766	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5767	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5780	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5781	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5782	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5783	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C5785	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V
C5786	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V
C5787	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5789	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V
C5790	1-104-905-11	DOUBLE LAYER 0.22F	5.5V
C5791	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C5792	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5793	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5794	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5795	1-165-822-91	CERAMIC CHIP 1UF	25V
C5796	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5797	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5798	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5799	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5800	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5801	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5803	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5804	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5805	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C5806	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C5807	1-126-394-11	ELECT CHIP 10UF	20.00% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C5808	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5809	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5810	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C5811	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5812	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5813	1-135-366-11	ELECT CHIP 100UF	20% 16V
C5814	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C5815	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5816	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5844	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C6500	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6501	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C6502	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6503	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6504	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6505	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6506	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6507	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6508	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6509	1-137-894-21	ELECT CHIP 470UF	20% 25V
C6510	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6511	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6512	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C6513	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6515	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6516	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6517	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6518	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6519	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C6520	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6522	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6523	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6524	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6525	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C6526	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C6528	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C6529	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C6530	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6532	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V
C6535	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6536	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6538	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6539	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6543	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C6545	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6546	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6547	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6548	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C6549	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C6551	1-127-573-11	CERAMIC CHIP 1UF	10% 16V

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Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

BDT

REF.NO.	PART.NO	DESCRIPTION	REMARK
C6553	1-117-370-11	CERAMIC CHIP 10UF	10V
C6554	1-117-370-11	CERAMIC CHIP 10UF	10V
C6555	1-117-370-11	CERAMIC CHIP 10UF	10V
C6556	1-117-370-11	CERAMIC CHIP 10UF	10V
C6557	1-117-370-11	CERAMIC CHIP 10UF	10V
C6558	1-100-911-11	CERAMIC CHIP 4.7UF 10%	25V
C6559	1-117-370-11	CERAMIC CHIP 10UF	10V
C6560	1-126-396-11	ELECT CHIP 47UF 20.00%	16V
C6561	1-117-370-11	CERAMIC CHIP 10UF	10V
C6562	1-126-396-11	ELECT CHIP 47UF 20.00%	16V
C6563	1-126-396-11	ELECT CHIP 47UF 20.00%	16V
C6564	1-100-911-11	CERAMIC CHIP 4.7UF 10%	25V
C6565	1-126-396-11	ELECT CHIP 47UF 20.00%	16V
C6566	1-126-396-11	ELECT CHIP 47UF 20.00%	16V
C6567	1-100-911-11	CERAMIC CHIP 4.7UF 10%	25V
C6572	1-126-396-11	ELECT CHIP 47UF 20.00%	16V
C6579	1-165-908-11	CERAMIC CHIP 1UF 10%	10V
C6581	1-109-982-11	CERAMIC CHIP 1UF 10.00%	10V
C6582	1-107-823-11	CERAMIC CHIP 0.47UF 10.00%	16V
C8907	1-162-964-11	CERAMIC CHIP 0.001UF 10.00%	50V
C8922	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C8923	1-107-826-11	CERAMIC CHIP 0.1UF 10.00%	16V
		< CONNECTOR >	
CN3000	*1-819-335-11	HEADER ASSEMBLY FOR PWB, 9P	
CN3001	*1-818-656-21	HEADER ASSEMBLY 30P	
CN3002	*1-779-884-11	CONNECTOR 4P	
CN3003	*1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P	
CN3004	*1-819-333-11	CONNECTOR 5P	
CN3005	*1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P	
CN3006	*1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P	
CN3007	*1-784-254-11	CONNECTOR 10P	
CN3008	*1-779-936-51	CONNECTOR, FFC/FPC 18P	
CN4000	*1-817-804-11	CONNECTOR, D SUB 15P	
CN5750	*1-793-769-21	CONNECTOR, CARD (PCMCIA CARD)	
CN5883	*1-820-209-11	MEMORY STICK CONNECTOR	
CN6500	*1-819-441-11	PWB HEADER, 13P	
CN6501	*1-819-474-11	HEADER ASSEMBLY FOR PWB 6P	
		< DIODE >	
D3004	8-719-050-38	DIODE M1MA152WK-T1	
D3005	8-719-036-94	DIODE RD5.6SB-T1	
D3009	8-719-081-97	DIODE MMDL914T1	
D3010	8-719-081-97	DIODE MMDL914T1	
D3011	8-719-081-97	DIODE MMDL914T1	
D3012	8-719-081-97	DIODE MMDL914T1	
D3014	8-719-081-97	DIODE MMDL914T1	
D3015	8-719-081-97	DIODE MMDL914T1	
D3016	8-719-069-60	DIODE UDZSTE-179.1B	
D4000	8-719-073-39	DIODE HZU5.6GTRF	
D4001	8-719-073-39	DIODE HZU5.6GTRF	
D4002	8-719-073-39	DIODE HZU5.6GTRF	
D4003	8-719-801-78	DIODE 1SS184	
D5780	8-719-041-97	DIODE MA113-(TX)	
D6301	8-719-081-97	DIODE MMDL914T1	
D6500	8-719-081-67	DIODE M1FM3	
D6501	8-719-081-67	DIODE M1FM3	
D6502	6-500-696-01	DIODE UDZSTE-173.0B	
D6504	8-719-081-97	DIODE MMDL914T1	
D6505	8-719-081-97	DIODE MMDL914T1	
D6506	6-501-336-01	DIODE RSX201L-30TE25	
D6507	8-719-080-41	DIODE RB063L-30TE25	
D6508	8-719-081-97	DIODE MMDL914T1	
D6509	6-500-294-01	DIODE PTZ-TE25-3.9B	
D6510	6-500-253-01	DIODE RB053L-30TE25	
D6512	6-500-253-01	DIODE RB053L-30TE25	
D6513	6-500-294-01	DIODE PTZ-TE25-3.9B	
D6514	6-500-295-01	DIODE PTZ-TE25-5.6B	
D6515	8-719-083-63	DIODE UDZSTE-1713B	
D6516	8-719-081-99	DIODE MM3Z13VT1	
D6517	8-719-081-99	DIODE MM3Z13VT1	
D6518	8-719-066-10	DIODE 1PS181-115	
D6519	8-719-081-97	DIODE MMDL914T1	
D6520	8-719-066-10	DIODE 1PS181-115	
		< FUSE >	
F4000 ⚠	1-576-646-11	FUSE 0.5A	50V
		< FERRITE BEAD >	
FB3012	1-414-445-11	FERRITE	0UH
FB3013	1-414-445-11	FERRITE	0UH
FB3014	1-414-445-11	FERRITE	0UH
FB3016	1-414-760-21	FERRITE	0UH
FB3046	1-414-445-11	FERRITE	0UH
FB3099	1-414-760-21	FERRITE	0UH
FB3241	1-414-760-21	FERRITE	0UH
FB3242	1-414-760-21	FERRITE	0UH
FB3243	1-414-760-21	FERRITE	0UH
FB3244	1-414-760-21	FERRITE	0UH
FB3245	1-414-760-21	FERRITE	0UH
FB4003	1-400-141-22	FERRITE	0UH
FB5040	1-400-244-11	FERRITE	0UH
FB5041	1-400-244-11	FERRITE	0UH
FB5612	1-400-833-21	FERRITE	0UH
FB5613	1-400-833-21	FERRITE	0UH
FB5614	1-400-833-21	FERRITE	0UH
FB5615	1-400-833-21	FERRITE	0UH
FB5616	1-400-833-21	FERRITE	0UH
FB5617	1-400-833-21	FERRITE	0UH

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REF.NO.	PART.NO	DESCRIPTION	REMARK
FB5618	1-400-807-21	FERRITE 0UH	
FB5619	1-400-807-21	FERRITE 0UH	
FB5620	1-400-807-21	FERRITE 0UH	
FB5621	1-400-807-21	FERRITE 0UH	
FB5622	1-400-833-21	FERRITE 0UH	
FB5623	1-400-833-21	FERRITE 0UH	
FB5624	1-400-833-21	FERRITE 0UH	
FB5630	1-469-869-21	FERRITE 0UH	
FB5634	1-400-244-11	FERRITE 0UH	
FB5635	1-400-244-11	FERRITE 0UH	
FB5636	1-469-869-21	FERRITE 0UH	
FB5637	1-469-869-21	FERRITE 0UH	
FB5640	1-400-834-11	FERRITE 0UH	
FB5646	1-400-834-11	FERRITE 0UH	
FB5647	1-469-869-21	FERRITE 0UH	
FB5680	1-400-244-11	FERRITE 0UH	
FB5681	1-400-244-11	FERRITE 0UH	
FB5750	1-469-869-21	FERRITE 0UH	
FB5751	1-469-869-21	FERRITE 0UH	
FB5780	1-400-244-11	FERRITE 0UH	
FB5781	1-400-244-11	FERRITE 0UH	
FB5782	1-400-244-11	FERRITE 0UH	
FB5907	1-400-834-11	FERRITE 0UH	
FB5908	1-400-834-11	FERRITE 0UH	
FB5909	1-400-834-11	FERRITE 0UH	
FB5910	1-400-834-11	FERRITE 0UH	
FB5911	1-400-834-11	FERRITE 0UH	
FB5912	1-400-834-11	FERRITE 0UH	
FB5913	1-400-834-11	FERRITE 0UH	
FB5914	1-400-834-11	FERRITE 0UH	
FB5915	1-400-834-11	FERRITE 0UH	
FB5916	1-400-244-11	FERRITE 0UH	
FB5917	1-400-244-11	FERRITE 0UH	
FB6500	1-469-324-21	FERRITE 0UH	
FB6501	1-469-324-21	FERRITE 0UH	
FB6502	1-469-775-21	FERRITE 0UH	

< IC >

IC3000	8-759-082-60	IC TC7S66FU
IC3002	6-701-173-01	IC MC74LVXT4053DTR2
IC3003	8-759-701-01	IC NJM2904M
IC3004	6-704-573-01	IC M24C32-WMN6T(B)
IC3005	6-703-175-01	IC PST3629UL
IC3006	6-806-613-01	IC VCT6973G
IC3008	8-752-072-94	IC CXA1875AM-T4
IC4000	6-704-600-01	IC M24C02-WMN6T(B)
IC5040	8-753-264-52	IC CXD1968R-T6
IC5630	6-709-214-01	IC UPD61123F1-100-KA3-A
IC5680	6-705-336-01	IC K9F2808U0C-PCB0T
IC5681	6-707-809-01	IC EDD1216AATA-6B-E
IC5682	6-708-916-01	IC ICS7150MLFT
IC5750	8-759-644-48	IC 74LVC541APW
IC5751	8-759-644-48	IC 74LVC541APW
IC5752	6-706-482-01	IC TC7SH00FU(T5RSOYJF)
IC5753	8-759-644-48	IC 74LVC541APW
IC5754	6-708-132-01	IC 74LVC14APW
IC5755	8-759-644-48	IC 74LVC541APW
IC5756	8-759-644-48	IC 74LVC541APW
IC5757	8-759-644-48	IC 74LVC541APW
IC5758	6-707-853-01	IC TC74LCX541FT(EKJ)
IC5759	8-759-298-91	IC 74LVT245PW-T
IC5780	6-700-108-01	IC RV5C387A-E2-FB
IC5781	6-703-271-01	IC TAR5S50(TE85R)
IC5782	6-707-808-01	IC WM8727GED/RV
IC5783	8-759-701-40	IC NJM3404AM-T1
IC5784	6-706-106-01	IC NCP1117STAT3
IC5785	6-708-603-01	IC PQ070XNA1ZPH
IC5786	6-705-790-01	IC LM3525MX-H/J5000395
IC6500	6-702-142-01	IC PQ1CY1032ZP
IC6501	6-702-142-01	IC PQ1CY1032ZP
IC6502	6-706-046-01	IC TK11185CSCL-G
IC6503	6-702-142-01	IC PQ1CY1032ZP
IC6505	6-709-932-01	IC MM3141CNRE

< COIL >

L3000	1-456-984-11	INDUCTOR	0UH
L3001	1-456-984-11	INDUCTOR	0UH
L3002	1-456-984-11	INDUCTOR	0UH
L3003	1-456-984-11	INDUCTOR	0UH
L3004	1-456-984-11	INDUCTOR	0UH
L3005	1-400-180-21	FERRITE	0UH
L3350	1-412-990-41	INDUCTOR	8.2UH
L5040	1-469-842-21	INDUCTOR	0.47UH
L5041	1-412-058-11	INDUCTOR	10UH
L5042	1-412-058-11	INDUCTOR	10UH
L5043	1-412-058-11	INDUCTOR	10UH
L5044	1-412-058-11	INDUCTOR	10UH
L5045	1-412-058-11	INDUCTOR	10UH
L5046	1-412-058-11	INDUCTOR	10UH
L5630	1-414-398-11	INDUCTOR	10UH
L6500	1-416-511-11	INDUCTOR	47UH
L6501	1-416-511-11	INDUCTOR	47UH
L6503	1-414-398-11	INDUCTOR	10UH
L6504	1-424-976-21	INDUCTOR	47UH
L6506	1-424-976-21	INDUCTOR	47UH
L6508	1-424-922-21	INDUCTOR	10UH
L6510	1-416-948-21	INDUCTOR	10UH
L6512	1-416-511-11	INDUCTOR	47UH
L6514	1-412-026-11	INDUCTOR	1UH

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BDT

REF.NO.	PART.NO	DESCRIPTION	REMARK
L6515	1-412-026-11	INDUCTOR 1UH	
L6516	1-412-026-11	INDUCTOR 1UH	
L6517	1-414-394-11	INDUCTOR 2.2UH	
L6518	1-412-026-11	INDUCTOR 1UH	
L6519	1-412-026-11	INDUCTOR 1UH	
L6520	1-412-026-11	INDUCTOR 1UH	
L6521	1-412-026-11	INDUCTOR 1UH	
L6522	1-412-026-11	INDUCTOR 1UH	
L6523	1-412-026-11	INDUCTOR 1UH	
L6524	1-412-026-11	INDUCTOR 1UH	
L6525	1-412-026-11	INDUCTOR 1UH	
L6526	1-414-394-11	INDUCTOR 2.2UH	
L6527	1-414-394-11	INDUCTOR 2.2UH	
L6528	1-412-026-11	INDUCTOR 1UH	
L6529	1-424-976-21	INDUCTOR 47UH	
L6530	1-424-976-21	INDUCTOR 47UH	
		< PROTECTOR MODULE >	
PS6500 ⚠	1-576-736-41	IC LINK 3.15A 24V	
PS6501 ⚠	1-576-736-41	IC LINK 3.15A 24V	
PS6502 ⚠	1-576-736-41	IC LINK 3.15A 24V	
		< TRANSISTOR >	
Q3001	8-729-421-22	TRANSISTOR UN2211	
Q3002	8-729-927-99	TRANSISTOR 2SC4617R	
Q3003	8-729-927-99	TRANSISTOR 2SC4617R	
Q3004	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q3006	8-729-905-35	TRANSISTOR 2SC4081-R	
Q3007	6-550-549-01	TRANSISTOR DTC114EUAFT106	
Q3008	8-729-045-62	TRANSISTOR 2SK2158-T2B	
Q3009	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q3010	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q3011	8-729-045-62	TRANSISTOR 2SK2158-T2B	
Q3012	8-729-422-29	TRANSISTOR 2SD601A-S	
Q3013	8-729-422-29	TRANSISTOR 2SD601A-S	
Q3014	8-729-422-29	TRANSISTOR 2SD601A-S	
Q3015	8-729-422-29	TRANSISTOR 2SD601A-S	
Q3016	8-729-421-19	TRANSISTOR UN2213	
Q3017	8-729-050-10	TRANSISTOR PMBF170-215	
Q3020	8-729-905-35	TRANSISTOR 2SC4081-R	
Q3120	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q3121	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q3122	8-729-028-73	TRANSISTOR DTA114EUA-T106	
Q3123	8-729-010-05	TRANSISTOR MSB709-RT1	
Q3300	8-729-010-05	TRANSISTOR MSB709-RT1	
Q3301	8-729-421-19	TRANSISTOR UN2213	
Q3350	8-729-010-05	TRANSISTOR MSB709-RT1	
Q3351	8-729-010-29	TRANSISTOR MSD601-RST1	
Q5780	8-729-010-05	TRANSISTOR MSB709-RT1	
Q5920	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q5921	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q5922	8-729-028-86	TRANSISTOR DTA143EUA-T106	
Q5923	8-729-907-00	TRANSISTOR DTC114EU	
Q6500	8-729-421-22	TRANSISTOR UN2211	
Q6501	8-729-421-22	TRANSISTOR UN2211	
Q6502	8-729-421-22	TRANSISTOR UN2211	
Q6503	8-729-010-25	TRANSISTOR MSD601-RT1	
Q6504	8-729-421-22	TRANSISTOR UN2211	
Q6505	8-729-010-25	TRANSISTOR MSD601-RT1	
Q6506	8-729-010-25	TRANSISTOR MSD601-RT1	
Q6507	8-729-010-25	TRANSISTOR MSD601-RT1	
Q6509	8-729-046-04	TRANSISTOR FDS6690A	
Q6510	8-729-421-22	TRANSISTOR UN2211	
Q6511	8-729-421-22	TRANSISTOR UN2211	
Q6512	6-550-369-01	TRANSISTOR TPC8109(TE12L)	
Q6513	6-550-369-01	TRANSISTOR TPC8109(TE12L)	
Q6514	8-729-010-05	TRANSISTOR MSB709-RT1	
Q6515	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q6555	8-729-010-25	TRANSISTOR MSD601-RT1	
		< RESISTOR >	
JR5600	1-216-295-91	SHORT CHIP 0	
JR5601	1-218-990-81	SHORT CHIP 0	
JR5602	1-218-990-81	SHORT CHIP 0	
R3000	1-216-864-11	SHORT CHIP 0	
R3003	1-216-864-11	SHORT CHIP 0	
R3004	1-216-864-11	SHORT CHIP 0	
R3015	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R3016	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R3021	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3022	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3023	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3024	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3026	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3027	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3028	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3031	1-216-864-11	SHORT CHIP 0	
R3032	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R3034	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	
R3035	1-216-864-11	SHORT CHIP 0	
R3036	1-216-864-11	SHORT CHIP 0	
R3037	1-216-864-11	SHORT CHIP 0	
R3038	1-216-864-11	SHORT CHIP 0	
R3039	1-216-864-11	SHORT CHIP 0	
R3040	1-218-891-11	METAL CHIP 68K 0.5% 1/10W	
R3044	1-216-817-11	METAL CHIP 470 5% 1/10W	
R3045	1-216-864-11	SHORT CHIP 0	
R3048	1-216-864-11	SHORT CHIP 0	
R3049	1-216-864-11	SHORT CHIP 0	

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REF.NO.	PART.NO	DESCRIPTION			REMARK
R3050	1-216-864-11	SHORT CHIP	0		
R3051	1-216-864-11	SHORT CHIP	0		
R3052	1-216-864-11	SHORT CHIP	0		
R3053	1-216-864-11	SHORT CHIP	0		
R3054	1-216-864-11	SHORT CHIP	0		
R3057	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3059	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3061	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3062	1-216-809-11	METAL CHIP	100	5%	1/10W
R3063	1-216-809-11	METAL CHIP	100	5%	1/10W
R3064	1-216-809-11	METAL CHIP	100	5%	1/10W
R3067	1-216-809-11	METAL CHIP	100	5%	1/10W
R3068	1-216-809-11	METAL CHIP	100	5%	1/10W
R3069	1-216-809-11	METAL CHIP	100	5%	1/10W
R3071	1-216-809-11	METAL CHIP	100	5%	1/10W
R3073	1-216-809-11	METAL CHIP	100	5%	1/10W
R3074	1-216-809-11	METAL CHIP	100	5%	1/10W
R3075	1-216-809-11	METAL CHIP	100	5%	1/10W
R3076	1-216-809-11	METAL CHIP	100	5%	1/10W
R3077	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3078	1-216-809-11	METAL CHIP	100	5%	1/10W
R3079	1-216-864-11	SHORT CHIP	0		
R3080	1-216-864-11	SHORT CHIP	0		
R3081	1-216-864-11	SHORT CHIP	0		
R3083	1-216-864-11	SHORT CHIP	0		
R3084	1-216-864-11	SHORT CHIP	0		
R3087	1-216-864-11	SHORT CHIP	0		
R3088	1-216-864-11	SHORT CHIP	0		
R3089	1-216-809-11	METAL CHIP	100	5%	1/10W
R3090	1-216-809-11	METAL CHIP	100	5%	1/10W
R3091	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3092	1-216-864-11	SHORT CHIP	0		
R3093	1-216-864-11	SHORT CHIP	0		
R3094	1-216-864-11	SHORT CHIP	0		
R3095	1-216-864-11	SHORT CHIP	0		
R3096	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3097	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3098	1-216-864-11	SHORT CHIP	0		
R3100	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3101	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3103	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3104	1-216-864-11	SHORT CHIP	0		
R3105	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3106	1-218-891-11	METAL CHIP	68K	0.5%	1/10W
R3107	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3108	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R3109	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3110	1-216-864-11	SHORT CHIP	0		
R3111	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3112	1-216-864-11	SHORT CHIP	0		
R3113	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3114	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3115	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3116	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3127	1-216-864-11	SHORT CHIP	0		
R3129	1-216-864-11	SHORT CHIP	0		
R3133	1-216-809-11	METAL CHIP	100	5%	1/10W
R3136	1-216-809-11	METAL CHIP	100	5%	1/10W
R3137	1-216-864-11	SHORT CHIP	0		
R3138	1-216-809-11	METAL CHIP	100	5%	1/10W
R3140	1-216-809-11	METAL CHIP	100	5%	1/10W
R3142	1-216-809-11	METAL CHIP	100	5%	1/10W
R3143	1-216-864-11	SHORT CHIP	0		
R3146	1-216-864-11	SHORT CHIP	0		
R3147	1-216-864-11	SHORT CHIP	0		
R3150	1-216-809-11	METAL CHIP	100	5%	1/10W
R3153	1-216-864-11	SHORT CHIP	0		
R3156	1-216-817-11	METAL CHIP	470	5%	1/10W
R3158	1-216-864-11	SHORT CHIP	0		
R3159	1-216-817-11	METAL CHIP	470	5%	1/10W
R3160	1-216-864-11	SHORT CHIP	0		
R3161	1-216-864-11	SHORT CHIP	0		
R3163	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3175	1-216-864-11	SHORT CHIP	0		
R3177	1-216-809-11	METAL CHIP	100	5%	1/10W
R3178	1-216-809-11	METAL CHIP	100	5%	1/10W
R3182	1-216-809-11	METAL CHIP	100	5%	1/10W
R3183	1-216-809-11	METAL CHIP	100	5%	1/10W
R3185	1-216-809-11	METAL CHIP	100	5%	1/10W
R3186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3188	1-216-864-11	SHORT CHIP	0		
R3190	1-216-864-11	SHORT CHIP	0		
R3191	1-216-864-11	SHORT CHIP	0		
R3192	1-216-864-11	SHORT CHIP	0		
R3193	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3195	1-216-864-11	SHORT CHIP	0		
R3196	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3198	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3201	1-216-864-11	SHORT CHIP	0		
R3202	1-216-864-11	SHORT CHIP	0		
R3203	1-216-864-11	SHORT CHIP	0		
R3204	1-216-864-11	SHORT CHIP	0		
R3209	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3212	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3213	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3215	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R3216	1-216-864-11	SHORT CHIP	0		
R3220	1-216-864-11	SHORT CHIP	0		

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REF.NO.	PART.NO	DESCRIPTION			REMARK
R3221	1-216-864-11	SHORT CHIP	0		
R3222	1-216-809-11	METAL CHIP	100	5%	1/10W
R3225	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3229	1-216-864-11	SHORT CHIP	0		
R3230	1-216-864-11	SHORT CHIP	0		
R3231	1-216-864-11	SHORT CHIP	0		
R3232	1-216-864-11	SHORT CHIP	0		
R3233	1-216-864-11	SHORT CHIP	0		
R3236	1-216-864-11	SHORT CHIP	0		
R3237	1-216-864-11	SHORT CHIP	0		
R3240	1-216-817-11	METAL CHIP	470	5%	1/10W
R3246	1-216-864-11	SHORT CHIP	0		
R3247	1-216-843-11	METAL CHIP	68K	5%	1/10W
R3248	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3249	1-216-817-11	METAL CHIP	470	5%	1/10W
R3250	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3251	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3252	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3253	1-216-864-11	SHORT CHIP	0		
R3255	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3256	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3257	1-218-990-81	SHORT CHIP	0		
R3259	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3260	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3261	1-216-864-11	SHORT CHIP	0		
R3262	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3263	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3264	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3265	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3266	1-216-817-11	METAL CHIP	470	5%	1/10W
R3267	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3268	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3269	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3270	1-216-864-11	SHORT CHIP	0		
R3271	1-216-864-11	SHORT CHIP	0		
R3272	1-216-864-11	SHORT CHIP	0		
R3273	1-216-864-11	SHORT CHIP	0		
R3274	1-216-864-11	SHORT CHIP	0		
R3275	1-216-864-11	SHORT CHIP	0		
R3276	1-216-864-11	SHORT CHIP	0		
R3285	1-216-864-11	SHORT CHIP	0		
R3286	1-216-864-11	SHORT CHIP	0		
R3287	1-216-864-11	SHORT CHIP	0		
R3288	1-216-864-11	SHORT CHIP	0		
R3289	1-216-864-11	SHORT CHIP	0		
R3290	1-216-864-11	SHORT CHIP	0		
R3291	1-216-864-11	SHORT CHIP	0		
R3292	1-216-864-11	SHORT CHIP	0		
R3293	1-216-809-11	METAL CHIP	100	5%	1/10W
R3295	1-216-864-11	SHORT CHIP	0		
R3296	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3297	1-216-809-11	METAL CHIP	100	5%	1/10W
R3298	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3299	1-216-813-11	METAL CHIP	220	5%	1/10W
R3300	1-216-817-11	METAL CHIP	470	5%	1/10W
R3301	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3302	1-216-849-11	METAL CHIP	220K	5%	1/10W
R3303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3304	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3310	1-216-809-11	METAL CHIP	100	5%	1/10W
R3311	1-216-809-11	METAL CHIP	100	5%	1/10W
R3320	1-216-864-11	SHORT CHIP	0		
R3321	1-216-864-11	SHORT CHIP	0		
R3350	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3351	1-216-805-11	METAL CHIP	47	5%	1/10W
R3352	1-216-864-11	SHORT CHIP	0		
R3355	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3356	1-216-864-11	SHORT CHIP	0		
R3370	1-216-864-11	SHORT CHIP	0		
R3371	1-216-864-11	SHORT CHIP	0		
R3373	1-216-864-11	SHORT CHIP	0		
R3374	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3375	1-216-809-11	METAL CHIP	100	5%	1/10W
R3376	1-220-397-11	METAL CHIP	4.7M	5%	1/10W
R3377	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3378	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3380	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3381	1-216-809-11	METAL CHIP	100	5%	1/10W
R3382	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3387	1-216-864-11	SHORT CHIP	0		
R3388	1-216-864-11	SHORT CHIP	0		
R3389	1-216-864-11	SHORT CHIP	0		
R3392	1-216-809-11	METAL CHIP	100	5%	1/10W
R3393	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3394	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3395	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3396	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3397	1-216-809-11	METAL CHIP	100	5%	1/10W
R3700	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4000	1-216-805-11	METAL CHIP	47	5%	1/10W
R4001	1-216-805-11	METAL CHIP	47	5%	1/10W
R4004	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4005	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4006	1-216-805-11	METAL CHIP	47	5%	1/10W
R4007	1-216-805-11	METAL CHIP	47	5%	1/10W
R4008	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4009	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4010	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4011	1-218-827-11	METAL CHIP	150	0.5%	1/10W

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REF.NO.	PART.NO	DESCRIPTION			REMARK
R4012	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4013	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4014	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4015	1-216-864-11	SHORT CHIP	0		
R4016	1-216-864-11	SHORT CHIP	0		
R4017	1-216-864-11	SHORT CHIP	0		
R4018	1-216-864-11	SHORT CHIP	0		
R4019	1-216-864-11	SHORT CHIP	0		
R4020	1-216-845-11	METAL CHIP	100K	5%	1/10W
R5040	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5041	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5043	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5044	1-218-941-81	RES-CHIP	100	5%	1/16W
R5045	1-218-941-81	RES-CHIP	100	5%	1/16W
R5046	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5049	1-218-989-11	RES-CHIP	1M	5%	1/16W
R5050	1-218-941-81	RES-CHIP	100	5%	1/16W
R5051	1-218-941-81	RES-CHIP	100	5%	1/16W
R5053	1-218-937-11	RES-CHIP	47	5%	1/16W
R5054	1-218-941-81	RES-CHIP	100	5%	1/16W
R5055	1-218-941-81	RES-CHIP	100	5%	1/16W
R5056	1-216-864-11	SHORT CHIP	0		
R5057	1-218-941-81	RES-CHIP	100	5%	1/16W
R5058	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5060	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5061	1-218-941-81	RES-CHIP	100	5%	1/16W
R5062	1-218-941-81	RES-CHIP	100	5%	1/16W
R5063	1-218-941-81	RES-CHIP	100	5%	1/16W
R5064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5625	1-218-990-81	SHORT CHIP	0		
R5626	1-218-990-81	SHORT CHIP	0		
R5629	1-218-990-81	SHORT CHIP	0		
R5630	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5631	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5632	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5633	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5634	1-218-941-81	RES-CHIP	100	5%	1/16W
R5635	1-218-941-81	RES-CHIP	100	5%	1/16W
R5636	1-218-941-81	RES-CHIP	100	5%	1/16W
R5637	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5638	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5639	1-218-941-81	RES-CHIP	100	5%	1/16W
R5640	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5641	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5644	1-218-941-81	RES-CHIP	100	5%	1/16W
R5645	1-218-941-81	RES-CHIP	100	5%	1/16W
R5646	1-218-941-81	RES-CHIP	100	5%	1/16W
R5647	1-218-941-81	RES-CHIP	100	5%	1/16W
R5652	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5653	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5654	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5655	1-218-937-11	RES-CHIP	47	5%	1/16W
R5656	1-218-937-11	RES-CHIP	47	5%	1/16W
R5657	1-218-937-11	RES-CHIP	47	5%	1/16W
R5661	1-218-937-11	RES-CHIP	47	5%	1/16W
R5663	1-220-174-11	RES-CHIP	200	5%	1/16W
R5664	1-220-174-11	RES-CHIP	200	5%	1/16W
R5665	1-220-174-11	RES-CHIP	200	5%	1/16W
R5666	1-220-174-11	RES-CHIP	200	5%	1/16W
R5667	1-220-174-11	RES-CHIP	200	5%	1/16W
R5668	1-220-174-11	RES-CHIP	200	5%	1/16W
R5669	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R5671	1-208-679-11	METAL CHIP	680	0.5%	1/16W
R5673	1-218-990-81	SHORT CHIP	0		
R5674	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R5676	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5681	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5683	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5684	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5686	1-218-949-11	RES-CHIP	470	5%	1/16W
R5687	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5689	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5691	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5693	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5695	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5697	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5699	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5701	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5703	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5706	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5707	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5710	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5712	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5714	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5715	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5717	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5720	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5722	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5723	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5726	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5727	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5729	1-218-939-11	RES-CHIP	68	5%	1/16W
R5730	1-218-941-11	RES-CHIP	100	5%	1/16W
R5731	1-218-941-11	RES-CHIP	100	5%	1/16W
R5732	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5733	1-218-937-11	RES-CHIP	47	5%	1/16W
R5734	1-218-939-11	RES-CHIP	68	5%	1/16W
R5735	1-218-941-81	RES-CHIP	100	5%	1/16W
R5736	1-218-941-81	RES-CHIP	100	5%	1/16W
R5737	1-218-941-81	RES-CHIP	100	5%	1/16W

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REF.NO.	PART.NO	DESCRIPTION			REMARK
R5738	1-218-941-81	RES-CHIP	100	5%	1/16W
R5739	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5740	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5744	1-218-949-11	RES-CHIP	470	5%	1/16W
R5745	1-218-949-11	RES-CHIP	470	5%	1/16W
R5750	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5751	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5752	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5753	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5754	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5755	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5756	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5757	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5758	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5759	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5760	1-218-941-81	RES-CHIP	100	5%	1/16W
R5761	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5763	1-218-941-81	RES-CHIP	100	5%	1/16W
R5764	1-218-941-81	RES-CHIP	100	5%	1/16W
R5780	1-216-809-11	METAL CHIP	100	5%	1/10W
R5781	1-216-809-11	METAL CHIP	100	5%	1/10W
R5782	1-218-945-11	RES-CHIP	220	5%	1/16W
R5783	1-216-809-11	METAL CHIP	100	5%	1/10W
R5784	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5786	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R5789	1-216-813-11	METAL CHIP	220	5%	1/10W
R5791	1-218-990-81	SHORT CHIP	0		
R5792	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5793	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5794	1-218-972-11	RES-CHIP	39K	5%	1/16W
R5795	1-218-972-11	RES-CHIP	39K	5%	1/16W
R5796	1-218-968-11	RES-CHIP	18K	5%	1/16W
R5797	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5798	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5799	1-218-968-11	RES-CHIP	18K	5%	1/16W
R5800	1-218-967-11	RES-CHIP	15K	5%	1/16W
R5801	1-218-967-11	RES-CHIP	15K	5%	1/16W
R5802	1-218-968-11	RES-CHIP	18K	5%	1/16W
R5803	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5804	1-218-968-11	RES-CHIP	18K	5%	1/16W
R5805	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5806	1-220-174-11	RES-CHIP	200	5%	1/16W
R5807	1-218-941-81	RES-CHIP	100	5%	1/16W
R5808	1-218-941-81	RES-CHIP	100	5%	1/16W
R5809	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5810	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5811	1-218-935-11	RES-CHIP	33	5%	1/16W
R5812	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5813	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5814	1-218-990-81	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R5840	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5843	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5845	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5847	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5861	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5862	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5863	1-218-990-81	SHORT CHIP	0		
R5864	1-218-990-81	SHORT CHIP	0		
R5865	1-218-990-81	SHORT CHIP	0		
R5884	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5885	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5886	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5887	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5888	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5889	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5890	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5891	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5892	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5893	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5895	1-218-941-81	RES-CHIP	100	5%	1/16W
R5896	1-218-941-81	RES-CHIP	100	5%	1/16W
R5897	1-218-941-81	RES-CHIP	100	5%	1/16W
R5902	1-218-941-81	RES-CHIP	100	5%	1/16W
R5903	1-218-941-81	RES-CHIP	100	5%	1/16W
R5904	1-218-941-81	RES-CHIP	100	5%	1/16W
R5905	1-218-941-81	RES-CHIP	100	5%	1/16W
R5906	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5923	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5925	1-216-864-11	SHORT CHIP	0		
R5927	1-216-864-11	SHORT CHIP	0		
R5930	1-218-941-81	RES-CHIP	100	5%	1/16W
R5950	1-218-990-81	SHORT CHIP	0		
R5951	1-218-990-81	SHORT CHIP	0		
R5954	1-218-939-11	RES-CHIP	68	5%	1/16W
R5955	1-218-939-11	RES-CHIP	68	5%	1/16W
R5956	1-218-939-11	RES-CHIP	68	5%	1/16W
R5957	1-218-939-11	RES-CHIP	68	5%	1/16W
R5958	1-218-939-11	RES-CHIP	68	5%	1/16W
R5959	1-218-939-11	RES-CHIP	68	5%	1/16W
R6500	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6501	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6502	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6508	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6511	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6512	1-216-864-11	SHORT CHIP	0		
R6513	1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R6514	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R6515	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R6516	1-218-877-11	METAL CHIP	18K	0.5%	1/10W

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REF.NO.	PART.NO	DESCRIPTION	REMARK
R6521	1-218-860-11	METAL CHIP 3.6K 0.5% 1/10W	
R6522	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
R6523	1-218-861-11	METAL CHIP 3.9K 0.5% 1/10W	
R6524	1-218-850-11	METAL CHIP 1.3K 0.5% 1/10W	
R6526	1-216-864-11	SHORT CHIP 0	
R6528	1-216-864-11	SHORT CHIP 0	
R6539	1-216-847-11	METAL CHIP 150K 5% 1/10W	
R6540	1-216-839-11	METAL CHIP 33K 5% 1/10W	
R6542	1-216-847-11	METAL CHIP 150K 5% 1/10W	
R6543	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R6547	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6548	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6549	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6550	1-216-864-11	SHORT CHIP 0	
R6551	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6552	1-216-864-11	SHORT CHIP 0	
R6558	1-216-864-11	SHORT CHIP 0	
R6559	1-216-864-11	SHORT CHIP 0	
R6560	1-216-864-11	SHORT CHIP 0	
R6568	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R6569	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6570	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R6572	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6573	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6574	1-216-797-11	METAL CHIP 10 5% 1/10W	
R6575	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R6577	1-216-864-11	SHORT CHIP 0	
R6578	1-216-864-11	SHORT CHIP 0	
R6581	1-216-864-11	SHORT CHIP 0	
R6582	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R6596	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R6597	1-216-864-11	SHORT CHIP 0	
R6598	1-216-864-11	SHORT CHIP 0	
R6700	1-216-809-11	METAL CHIP 100 5% 1/10W	
R9032	1-216-864-11	SHORT CHIP 0	
R9034	1-218-965-11	RES-CHIP 10K 5% 1/16W	
		< RESISTOR CHIP >	
RB5040	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5041	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5680	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5681	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5682	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5683	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5684	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5685	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5686	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5687	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5688	1-234-702-11	RES, NETWORK 68	(1005X4)

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< SWITCH >	
S3000	1-572-921-11	SWITCH, KEY BOARD	
S3001	1-572-921-11	SWITCH, KEY BOARD	
		< VARISTOR >	
VD4000	1-803-974-21	VARISTOR, CHIP	(1608)
VD4001	1-803-974-21	VARISTOR, CHIP	(1608)
VD4002	1-803-974-21	VARISTOR, CHIP	(1608)
VD4003	1-803-974-21	VARISTOR, CHIP	(1608)
VD4004	1-803-974-21	VARISTOR, CHIP	(1608)
		< CRYSTAL >	
X3000	1-813-531-11	OSCILLATOR, CRYSTAL UNIT	
X5040	1-813-547-11	QUARTZ CRYSTAL UNIT	
X5680	1-813-055-11	QUARTZ CRYSTAL UNIT	
X5780	1-781-696-31	VIBRATOR, CRYSTAL	

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Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.	PART.NO	DESCRIPTION	REMARK
MISCELLANEOUS			
	1-826-540-11	LOUDSPEAKER (4X7CM)	
	1-802-270-11	LCD PANEL (15 INCH XGA TFT) KDL-15G2000	(AEP/UK)
	8-597-590-00	TUNER, FSS BTP-HC401Z	
⚠	1-827-481-11	POWER SUPPLY CORD KDL-15/20G2000 (AEP)	
⚠	1-478-727-34	DC POWER SUPPLY KDL-15G2000 (AEP/UK)	
⚠	1-827-480-11	POWER SUPPLY CORD KDL-15/20G2000 (UK)	
⚠	1-478-235-14	DC POWER SUPPLY KDL-20G2000 (AEP/UK)	
	1-802-271-11	LCD PANEL (20 INCH VGA TFT) KDL-20G2000	(AEP/UK)
ACCESSORIES AND CONNECTORS			
	*1-910-029-72	CONNECTOR ASSY L1 KDL-20G2000 (AEP/UK)	CN6300(DC)-CN9856(H2)(1)
	*1-910-029-73	CONNECTOR ASSY L2 KDL-20G2000 (AEP/UK)	CN6500(B)-CN6003(DC)(1)
	*1-910-029-74	CONNECTOR ASSY L3 KDL-20G2000 (AEP/UK)	CN3004(B)-INVERTER, CN6004(DC)(1)
	*1-910-029-75	CONNECTOR ASSY L4 KDL-20G2000 (AEP/UK)	CN6501(B)-CN6002(DC)(1)
	*1-910-029-76	CONNECTOR ASSY L9 KDL-20G2000 (AEP/UK)	CN3002(B)-CN9000(H1)(1)
	*1-910-029-77	CONNECTOR ASSY L7 KDL-20G2000 (AEP/UK)	CN3000(B)-CN9855(H2)(1)
	*1-910-029-78	CONNECTOR ASSY L10 KDL-20G2000 (AEP/UK)	CN3003(B)-CN9300(H3)(1)
	*1-910-029-79	CONNECTOR ASSY L8 KDL-20G2000 (AEP/UK)	CN9857(H2)-SPEAKERS(1)
	*1-910-029-80	CONNECTOR ASSY L11 KDL-20G2000 (AEP/UK)	CN3005(B)-CN2022(A)(1)
	*1-910-029-81	CONNECTOR ASSY L6 KDL-20G2000 (AEP/UK)	CN3006(B)-CN2024(A)(1)
	*1-910-029-82	CONNECTOR ASSY L13 KDL-20G2000 (AEP/UK)	CN3009(B)-PANEL(1)
	*1-910-029-83	CONNECTOR ASSY L1 KDL-15G2000 (AEP/UK)	CN6300(DC)-CN9856(H2)(1)
	*1-910-029-84	CONNECTOR ASSY L2 KDL-15G2000 (AEP/UK)	CN6500(B)-CN6003(DC)(1)
	*1-910-029-85	CONNECTOR ASSY L3 KDL-15G2000 (AEP/UK)	CN3004(B)-INVERTER, CN6004(DC)(1)
	*1-910-029-86	CONNECTOR ASSY L4 KDL-15G2000 (AEP/UK)	CN6501(B)-CN6002(DC)(1)
	*1-910-029-87	CONNECTOR ASSY L9 KDL-15G2000 (AEP/UK)	CN3002(B)-CN9000(H1)(1)
	*1-910-029-88	CONNECTOR ASSY L7 KDL-15G2000 (AEP/UK)	CN3000(B)-CN9855(H2)(1)
	*1-910-029-89	CONNECTOR ASSY L10 KDL-15G2000 (AEP/UK)	CN3003(B)-CN9300(H3)(1)
	*1-910-029-90	CONNECTOR ASSY L8 KDL-15G2000 (AEP/UK)	CN9857(H2)-SPEAKERS(1)
	*1-910-029-91	CONNECTOR ASSY L11 KDL-15G2000 (AEP/UK)	CN3005(B)-CN2022(A)(1)
	*1-910-029-92	CONNECTOR ASSY L6 KDL-15G2000 (AEP/UK)	CN3006(B)-CN2024(A)(1)
	*1-910-029-93	CONNECTOR ASSY L12 KDL-15G2000 (AEP/UK)	CN3001(B)-PANEL(1)
	X-2102-511-2	BAG, ASSY, RUDDER LOCK KDL-20G2000 (AEP/UK)	
	*2-889-390-11	INSTRUCTION MANUAL (ENGLISH) KDL-15/20G2000 (UK)	
	*2-889-390-21	INSTRUCTION MANUAL (GERMAN/FRENCH/ITALIAN/GREEK) KDL-15/20G2000 (AEP)	
	*2-889-390-31	INSTRUCTION MANUAL (SPANISH/PORTUGESE/GREEK) KDL-15/20G2000 (AEP)	
	*2-889-390-41	INSTRUCTION MANUAL (ENGLISH/RUSSIAN/POLISH) KDL-15/20G2000 (AEP)	
	*2-889-390-51	INSTRUCTION MANUAL (SWEDISH/DANISH/FINNISH/NORWEGIAN) KDL-15/20G2000 (AEP)	
REMOTE COMMANDER			
	1-479-847-11	REMOTE COMMANDER (RM-ED007)	

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